

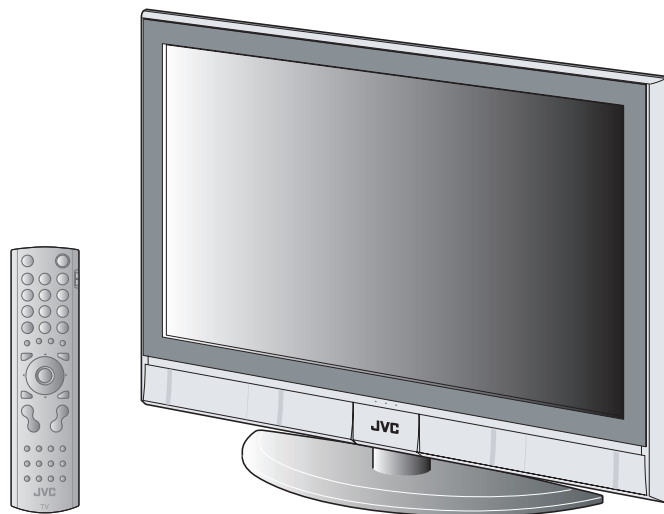
JVC

SERVICE MANUAL

LCD FLAT TELEVISION

LT-32SH6/A, LT-37SH6/A

DVB
Digital Video
Broadcasting



[LT-37SH6/A]

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SPECIFICATION

Item		Contents	
		LT-32SH6	LT-37SH6
Dimensions (W × H × D)		80.8 cm × 55.9 cm × 10.8 cm (TV only) 80.8 cm × 62.8 cm × 30.9 cm (Included Stand)	92.6 cm × 63.2 cm × 10.9 cm (TV only) 92.6 cm × 70.1 cm × 32.5 cm (Included Stand)
Mass		20.0 kg (Included Stand)	27.2 kg (Included Stand)
Power Input		AC 240V, 50Hz	
Power Consumption		168W (Stand-by : 1W)	217W (Stand-by : 1W)
TV RF System	Analogue Digital	CCIR (B/G) DVB-T	
Color System		PAL	
Stereo System		A2/NICAM system, Digital (MPEG2)	
Receiving Frequency	Analogue Digital	48.25 MHz - 863.25 MHz 174 MHz - 858 MHz	
Intermediate Frequency	VIF SIF	38.9MHz (B/G) 33.4MHz (5.5MHz :B/G)	
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 4.43MHz	
Teletext System		FLOF (Fastext), WST(World Standard system)	
LCD Panel		32V wide aspect (16 : 9)	37V wide aspect (16 : 9)
Screen Size		Diagonal : 80 cm (H: 69.7 cm × V: 39.2 cm)	Diagonal : 94.9 cm (H: 82.6 cm × V: 46.7 cm)
Display Pixels		Horizontal : 1366 pixels × Vertical : 768 pixels (W-XGA)	
Audio Power Output		10W + 10W	
Speaker		6.6cm round type × 2	6.6cm round type × 4
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial	
Video / Audio Input-1/2	Component Video [Input-2] 750p / 1125i 625p / 625i S-Video [Input-1] Video Audio	RCA pin jack × 3 Y : 1V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75 Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1V (p-p), Positive (Negative sync provided), 75 Ω Pb/Pr : 0.7V(p-p), 75 Ω Mini-DIN 4 pin connector × 1 Y: 1V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286V (p-p) (Burst signal), 75 Ω 1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), High impedance, RCA pin jack × 4	
Video / Audio Output [DTV ONLY]	Video Audio	1V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500mV (rms), Low impedance, RCA pin jack × 2	
PC (RGB) Input	Video Audio	D-sub 15 pin × 1 R/G/B : 0.7 V (p-p), 75Ω HD / VD : 1 V (p-p) to 5 V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz) 500mV (rms), Low impedance, RCA pin jack × 2	
Digital Audio Output		Opticl Connector × 1	
Headphone		3.5mm mini jack × 1 (Stereo)	
Remote Control Unit		RM-C1896 (AA/R6 battery × 2)	
AC Adapter		DA-E056705025	

NOTE : Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\equiv) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.
- (6) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10k Ω 2W resistor to the anode button.

(7) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

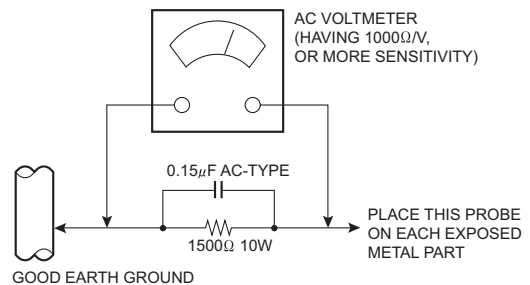
b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls.

Install the unit on stable flooring or stands.

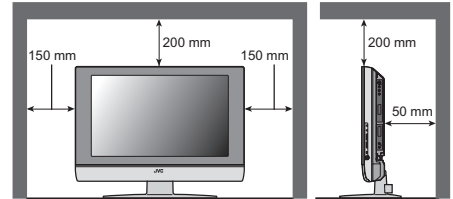
Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

Distance recommendations

Avoid improper installation and never position the unit where good ventilation is impossible.

When installing this TV, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture.

Keep to the minimum distance guidelines shown for safe operation.



1.3 PRECAUTIONS

- (1) The picture brightness may become uneven on the entire screen according to the environmental temperature. Be sure to use your monitor set in a specified temperature range for proper display presentation.
- (2) Avoid disturbing the heat dissipation from the vent holes provided in the rear, on the top and at the sides. Failure to do so may result in damaged electronics inside due to the accumulated heat within the unit.
- (3) Be sure to install the unit in a well-ventilated place. Also make sure that the ambient temperature is kept in the range of 0 to 35°C.
- (4) Avoid operation or storage in high temperature and humidity that exceed the specified limit. Otherwise, the display presentation may be deteriorated.
- (5) This monitor may display a blurred picture when exposed to an extreme environmental conditions. This phenomenon is due to an intrinsic characteristic of the Liquid Crystal Display (LCD). This is not the failure.
- (6) This monitor display uses a Cold Cathode Tube as a backlighting device. The brilliance of this tube (and the monitor display) may be degraded by time.

1.4 CAUTIONS FOR TRANSPORTATION

The goods may be damaged during transportation caused by poor handling such as throwing, toppling, dropping, etc, giving an excess force against the LCD device. This may happen even if the packing is rigid and secured. To avoid such adverse situations, give a proper instruction to the freighter for secured handling. The LCD panel uses a glass plate, which is very fragile against an external force. Take utmost care to avoid vibration or shock to the panel.

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 ABOUT LIQUID CRYSTAL DISPLAY

2.1.1 STRUCTURE OF LIQUID CRYSTAL PANEL

The Liquid Crystal Display used for this unit is of a TFT (Thin Film Transistor) type panel. The structure of this panel is that a TFT array-formed substrate and the stripe pixel matrix type color filter substrate are pressed together with a liquid crystal filled in between these materials.

2.1.2 LONG-TERM AFTERIMAGE ON THE LCD

A minute amount of ionic material could be mingled into a liquid crystal substrate in the manufacturing process. By applying the electricity to the panel the ionic material may be migrated towards one part of the electrodes, causing a long-term afterimage to be displayed. In practice, when a still image is displayed for a long time, the afterimage may be developed and persisted. To cure this problem, turn off the unit and then turn on again and arrange displaying an appropriate still image on the portion where the afterimage is being superimposed.

2.1.3 RESPONSE SPEED OF THE LCD

The LCD is slower than the CRT in terms of the display refresh rate, causing a fast moving picture may be displayed blurred. This is not fault but caused by an intrinsic characteristic of the LCD.

2.1.4 VIEWING ANGLE OF THE LCD

This LCD uses a wide-angle liquid crystal panel, featuring a low rate of the brightness inversion. When viewed from a far outer angle, the screen may be displayed with hue variation. Again, this is not fault but caused by an intrinsic characteristic of the LCD.

2.1.5 PIXEL DEFICIENCY OF THE LCD

The liquid crystal panel is manufactured with precise engineering procedure. However, there is a possibility of yielding a little amount of defective pixels in part on the panel. This is unavoidable feature even if the latest technology is being used for manufacturing the LCD module.

2.2 IMPORTANT NOTICE WHEN REPLACING COMPONENT PARTS

2.2.1 REPLACING THE LCD MODULE

- (1) The LCD panel is fragile against the static charge. Be sure to take an appropriate grounding using a grounding-strap etc. when to replace the LCD panel.
- (2) The LCD is made of glass, which is fragile against the mechanical shock. Use utmost care when handling the LCD panel.
- (3) When replacing the panel, first place the panel on the base chassis and then make sure that there is no gap in between the panel and the chassis. Fix the panel with fixing screws. Turn the unit on with an all-black signal being put in and check if the brightness is even on the entire screen. If the brightness is not even in some part, slacken the fixing screw nearby until the brightness becomes even with other parts.
- (4) A tightening torque for the fixing screws must be set to 0.294Nm or the less. Applying the torque larger than this limit may result in the damage on the LCD panel.
- (5) Connecting or disconnecting the plugs with the set is being powered may cause the malfunction of the set. Makes sure that the AC power plug is disconnected from the power source when attempting the replacement work.

2.2.2 REPLACING THE FUSE

Be sure to use the rated fuse. After replacing the fuse, confirm that the insulator is stuck on the shielding surface for secure insulation.

SECTION 3

DISASSEMBLY

3.1 CAUTION AT DISASSEMBLY:

- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.2 DISASSEMBLY PROCEDURE [LT-32SH6/A]

3.2.1 REMOVING THE STAND (Fig.1)

- (1) Remove the 2 screws [A], then remove the STAND COVER.
- (2) Remove the 4 screws [B], then remove the STAND.

3.2.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
 - (1) Remove the JACK COVER (L/R).
 - (2) Remove the 7 screws [C], the 4 screws [D], and the 1 screw [E].
 - (3) Remove the REAR COVER.

3.2.3 REMOVING THE POWER CORD HOLDER AND SD CARD BASE (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws [F], then remove the POWER CORD HOLDER.
 - (2) Remove the 1 screw [G], then remove the SD CARD BASE.

3.2.4 REMOVING THE MAIN PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 4 screws [H], then remove the MAIN PWB SHIELD.
 - (2) Remove the 3 screws [J], then remove the TERMINAL BASE.
 - (3) Remove the 7 screws [K], then remove the MAIN PWB.

3.2.5 REMOVING THE POWER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 5 screws [L], then remove the FAN BRACKET.
 - (2) Remove the 6 screws [M], then remove the POWER PWB.

3.2.6 REMOVING THE DVB PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 3 screws [N], then remove the TUNER BASE.
 - (2) Remove the 1 screw [P] and the 2 screws [Q], then remove the DVB PWB SHIELD.
 - (3) Remove the 5 screws [R], then remove the DVB PWB.

3.2.7 REMOVING THE KEY PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws [S], then remove the KEY PWB.
 - (2) Remove the 2 screws [T], then remove the CONTROL ASS'Y.

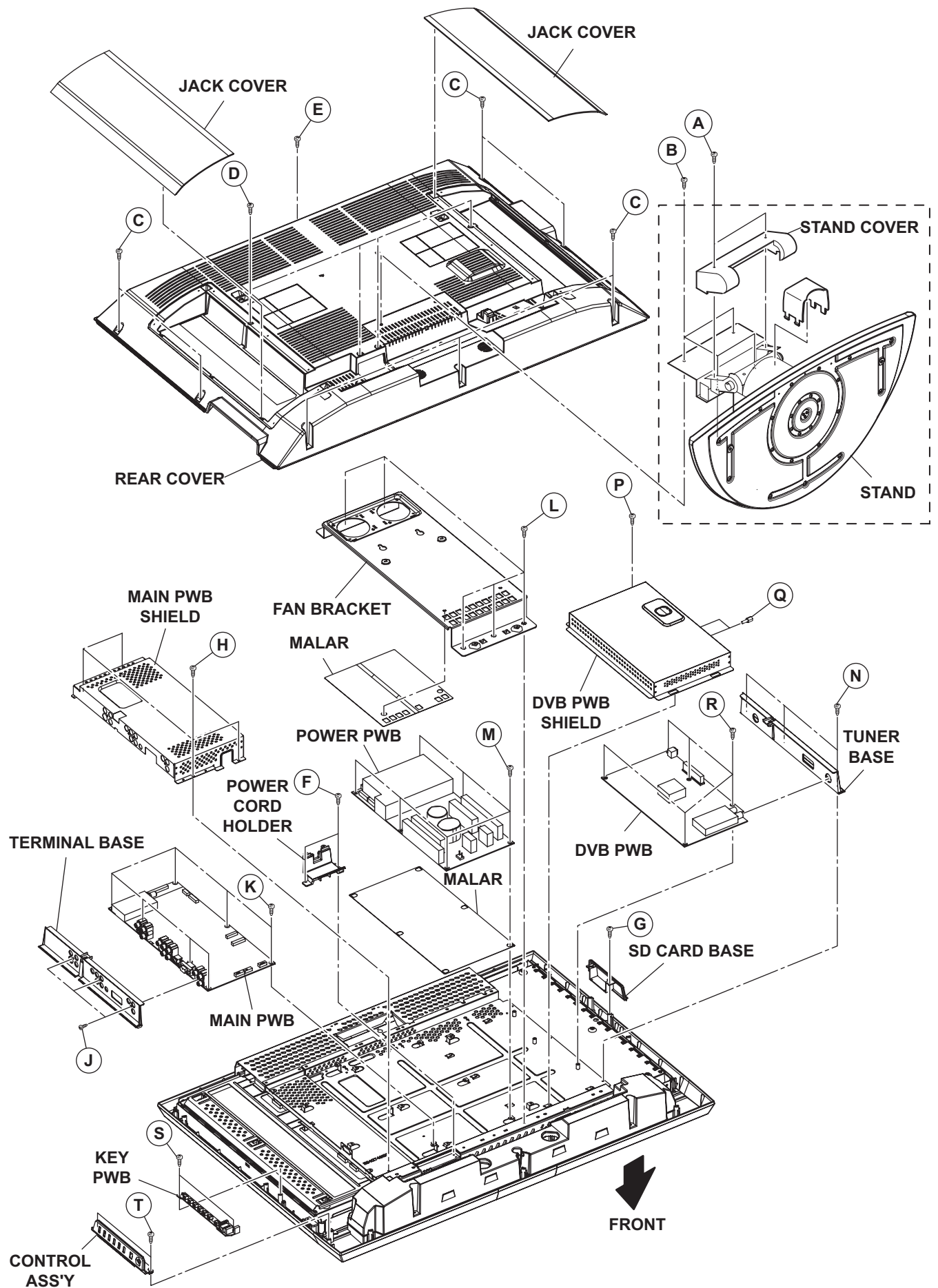


Fig.1

3.2.8 REMOVING THE SPEAKER (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 7 screws **[A]**, then remove the SPEAKER BOX.
 - (2) Remove the 4 screws **[B]**, then remove the SPEAKER (L/R).
 - (3) Remove the 4 screws **[C]**, then remove the DUCT(L/R).

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

3.2.9 REMOVING THE LCD PANEL UNIT (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the POWER CORD HOLDER.
- Remove the MAIN PWB.
- Remove the POWER PWB.
- Remove the DVB PWB.
 - (1) Remove the 10 screws **[D]** and 1 screw **[E]**, then remove the MAIN BASE.
 - (2) Remove the 7 screws **[F]**, then remove the LCD PANEL UNIT with the TOP FRAME and BOTTOM FRAME.
 - (3) Remove the 4 screws **[G]**, then remove the TOP FRAME and BOTTOM FRAME from the LCD PANEL UNIT.

3.2.10 REMOVING THE IR PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws **[H]**, then remove the IR PWB.

3.2.11 REMOVING THE LED LENS (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the IR PWB.
 - (1) Remove the 2 screws **[J]**, then remove the LED LENS.

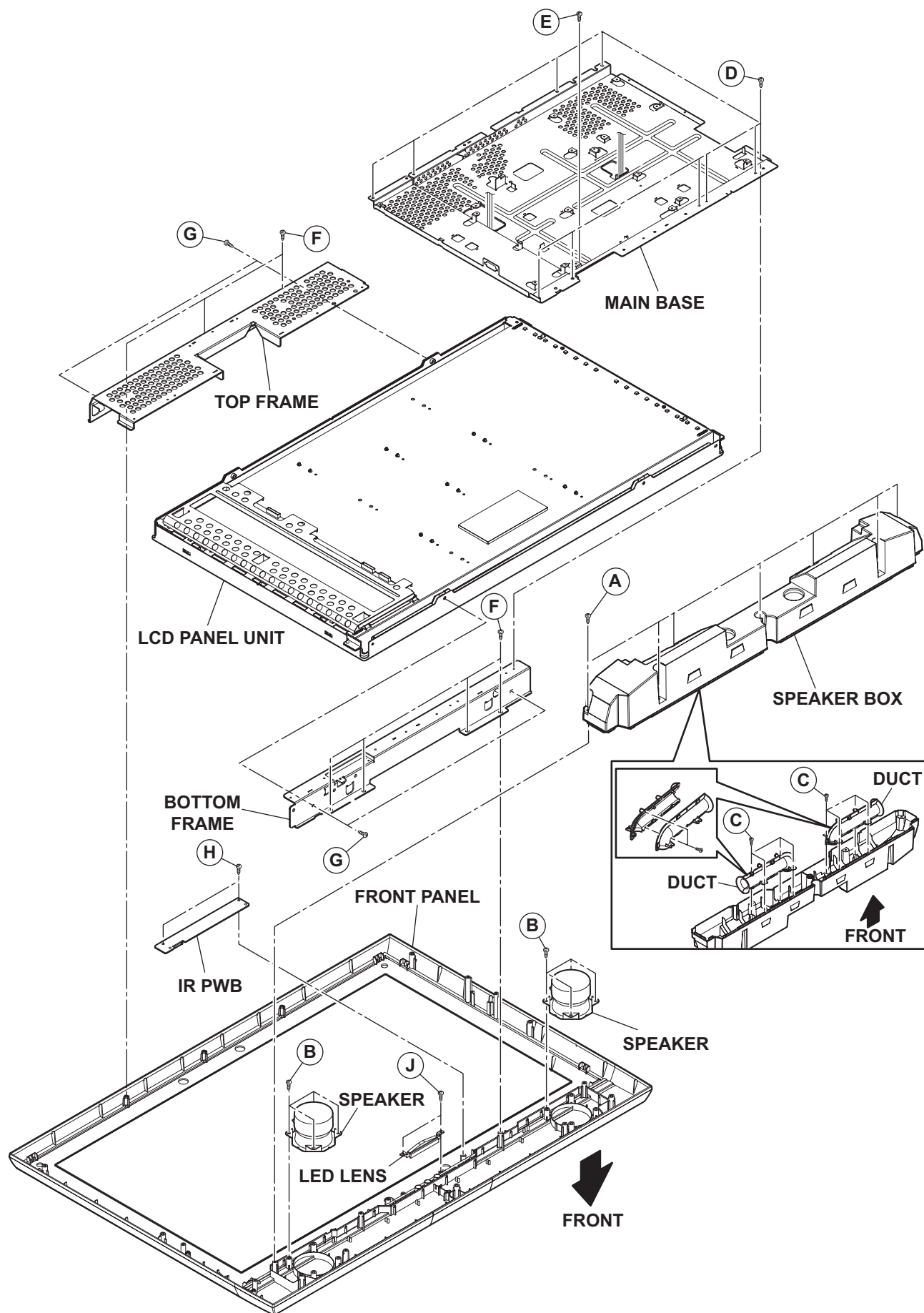


Fig.2

3.3 DISASSEMBLY PROCEDURE [LT-37SH6/A]

3.3.1 REMOVING THE STAND (Fig.3)

- (1) Remove the 1 screw **[A]**, then remove the STAND COVER.
- (2) Remove the 4 screws **[B]**, then remove the STAND.

3.3.2 REMOVING THE REAR COVER (Fig.3)

- Remove the STAND.
 - (1) Remove the JACK COVER (L/R).
 - (2) Remove the 8 screws **[C]**, the 3 screws **[D]**, the 2 screws **[E]** and the 2 screws **[F]**.
 - (3) Remove the REAR COVER.

3.3.3 REMOVING THE POWER CORD HOLDER AND SD CARD BASE (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws **[G]**, then remove the POWER CORD HOLDER.
 - (2) Remove the 2 screws **[H]**, then remove the SD CARD BASE.

3.3.4 REMOVING THE MAIN PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 6 screws **[J]**, then remove the MAIN PWB SHIELD.
 - (2) Remove the 3 screws **[K]**, then remove the TERMINAL BASE.
 - (3) Remove the 7 screws **[L]**, then remove the MAIN PWB.

3.3.5 REMOVING THE POWER PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 5 screws **[M]**, then remove the FAN BRACKET.
 - (2) Remove the 6 screws **[N]**, then remove the POWER PWB.

3.3.6 REMOVING THE DVB PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 3 screws **[P]**, then remove the TUNER BASE.
 - (2) Remove the 2 screws **[Q]**, then remove the DVB PWB SHIELD.
 - (3) Remove the 5 screws **[R]**, then remove the DVB PWB.

3.3.7 REMOVING THE KEY PWB (Fig.3)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws **[S]**, then remove the KEY PWB.
 - (2) Remove the 2 screws **[T]**, then remove the CONTROL ASS'Y.

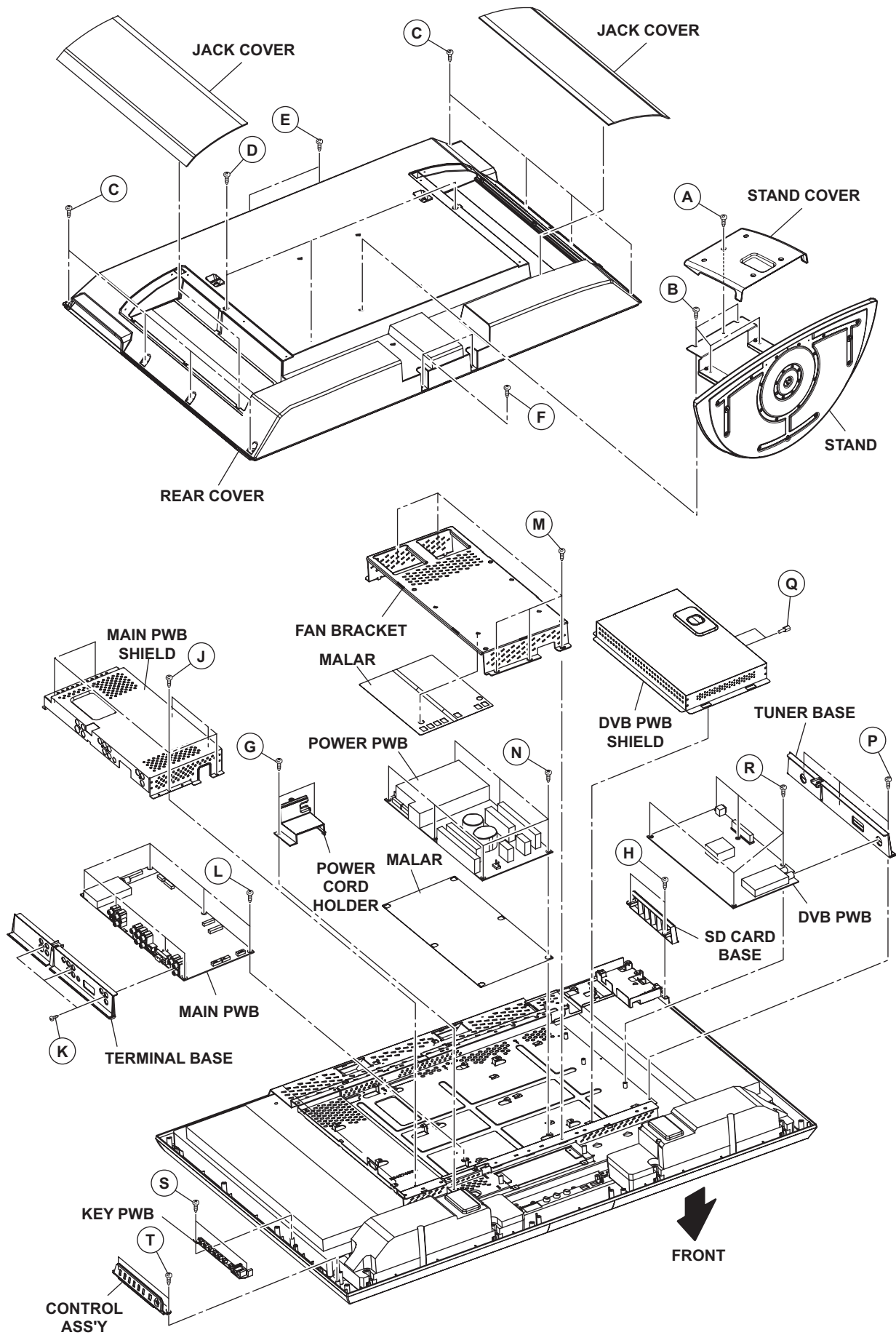


Fig.3

3.3.8 REMOVING THE SPEAKER (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 6 screws **[A]** and 6 spacers **[B]**, then remove the SPEAKER (L/R).

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

3.3.9 REMOVING THE LCD PANEL UNIT (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the POWER CORD HOLDER.
- Remove the MAIN PWB.
- Remove the POWER PWB.
- Remove the DVB PWB.
 - (1) Remove the 10 screws **[C]** and 1 screw **[D]**, then remove the MAIN BASE.
 - (2) Remove the 2 screws **[E]**, 2 screws **[F]** and 3 screws **[G]**, then remove the TOP FRAME.
 - (3) Remove the 1 screw **[H]**, then remove the SD CARD PWB BRACKET.
 - (4) Remove the 3 screws **[J]** and 2 screws **[K]**, then remove the BOTTOM FRAME.
 - (5) Remove the LCD PANEL from the FRONT PANEL.

3.3.10 REMOVING THE IR PWB (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws **[L]**, then remove the IR PWB.

3.3.11 REMOVING THE LED LENS (Fig.4)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the IR PWB.
 - (1) Remove the 2 screws **[M]**, then remove the LED LENS.

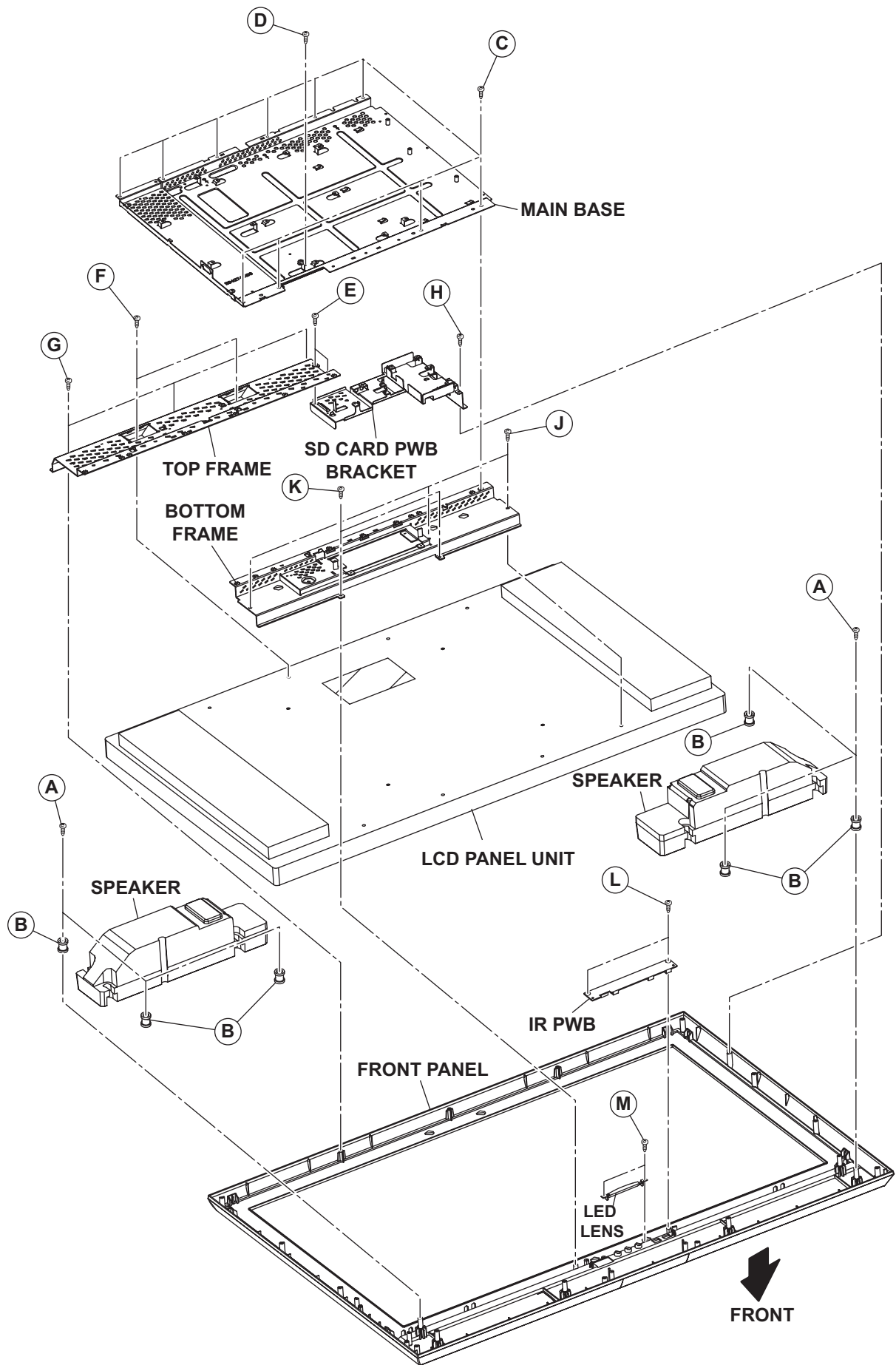


Fig.4

3.4 REPLACEMENT OF CHIP COMPONENT

3.4.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.4.2 SOLDERING IRON

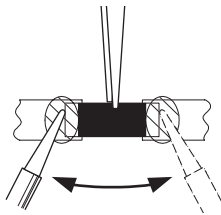
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.4.3 REPLACEMENT STEPS

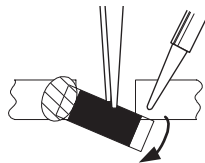
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

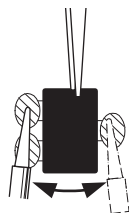


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



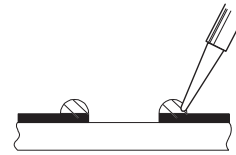
NOTE :

After removing the part, remove remaining solder from the pattern.

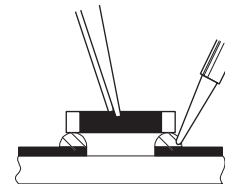
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

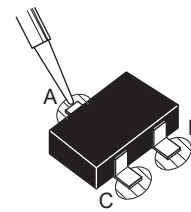


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

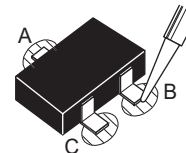


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.

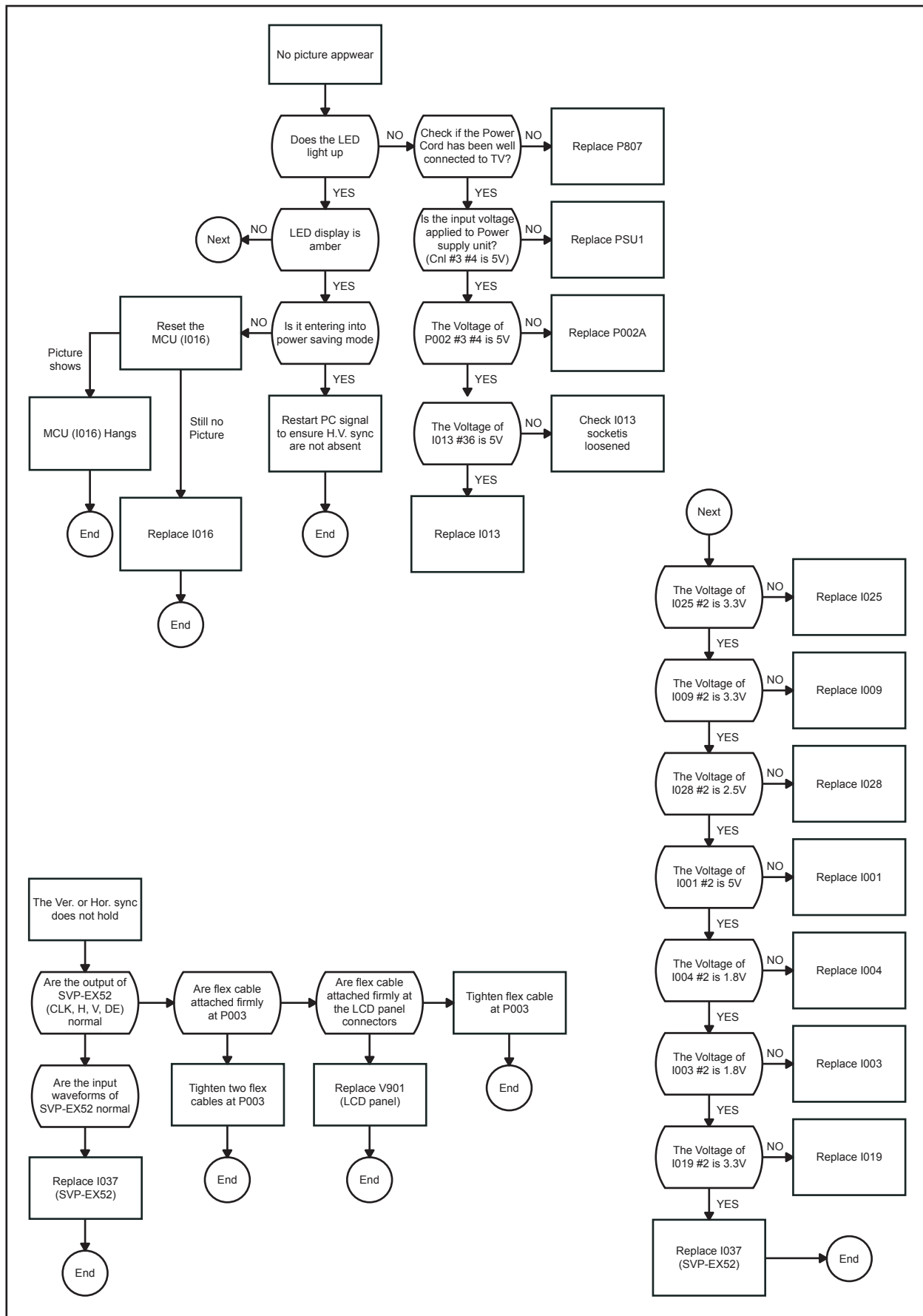


SECTION 4

ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5 TROUBLESHOOTING





Victor Company of Japan, Limited
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(No.YA382)



Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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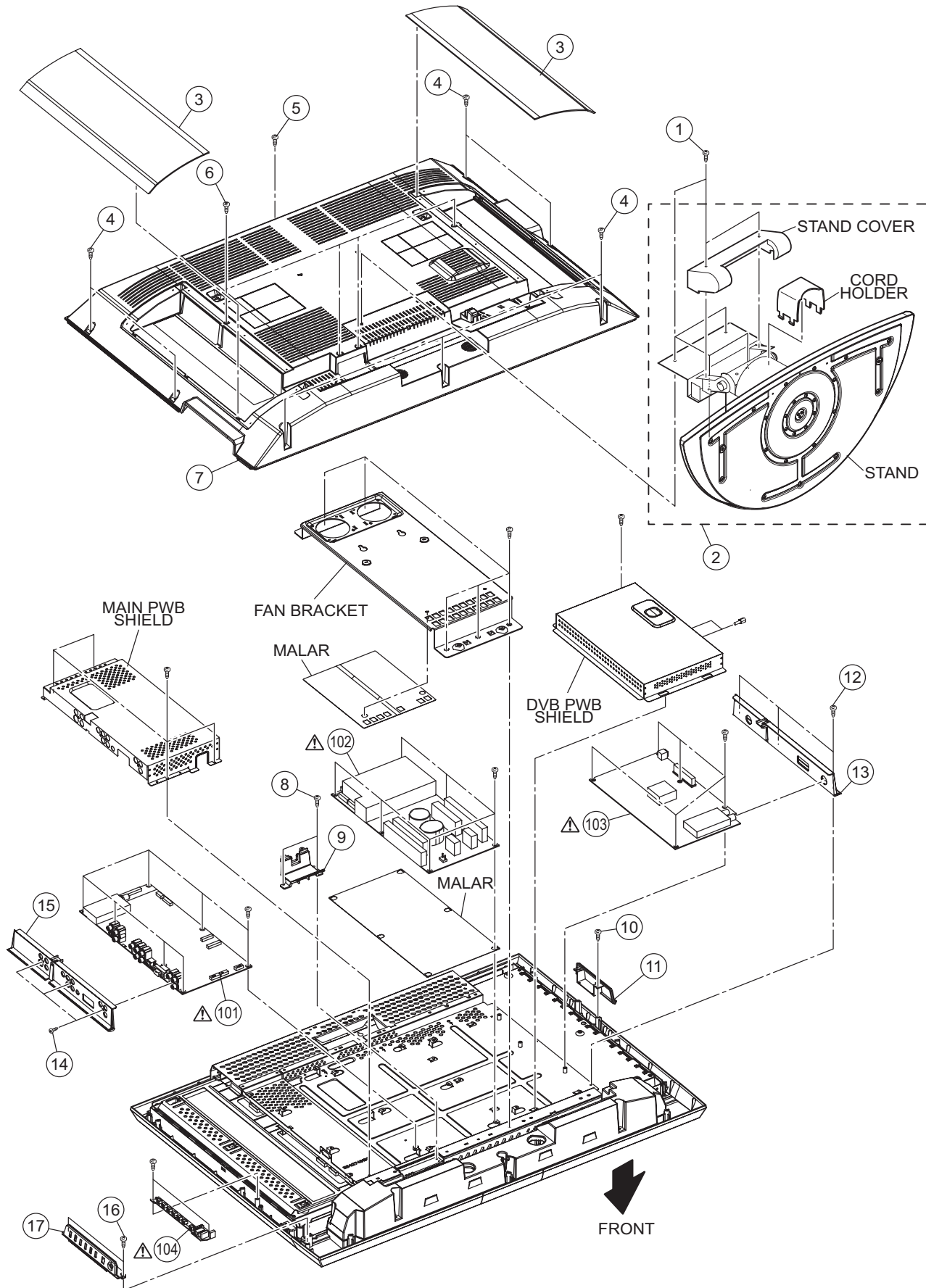
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-32SH6/A
MAIN P.W.B	DA-5097661600 (PWB-0983-C)
KEY P.W.B	DA-5097663300 (PWB-0994-C)
IR P.W.B	DA-5097661700 (PWB-0984-C)
POWER P.W.B	DA-F693006632
DVB P.W.B	DA-E052110029
REMOTE CONTROL UNIT	DA-E052731125

EXPLODED VIEW PARTS LIST -1

△ Ref.No.	Part No.	Part Name	Description	Local
1	DA-G190562514	SCREW	P 5X14+2W(x6)	
2	LC42220-001A-C	STAND ASS'Y		
3	LC12325-001B-0K	JACK COVER	(x2)	
4	DA-G134251986	SCREW	PZP M4X14(x7)	
5	DA-G000311016	SCREW	PPW M3X8	
6	DA-G000305026	SCREW	BTBW M3X10(x4)	
7	LC12324-005A-0K	REAR COVER		
8	DA-G136160652	SCREW	PRWS M3X6(x2)	
9	LC21348-001D-HK	POWER CORD HOLDER		
10	DA-G000305022	SCREW	BTBW M3X10	
11	LC33126-003A-HK	SD CARD BASE		
12	DA-G000311016	SCREW	PPW M3X8(x3)	
13	DA-E642326200	TUNER BASE		
14	DA-G134161186	SCREW	PZP M3X8(x3)	
15	DA-E642326100	TERMINAL BASE		
16	DA-G134161182	SCREW	PZP M3X8(x2)	
17	LC33196-009A-0K	CONTROL ASS'Y		
△ 101	DA-5097661600	MAIN PWB	PWB-0983-C	
△ 102	DA-F693006632	POWER PWB		
△ 103	DA-E052110029	DVB PWB		
△ 104	DA-5097663300	KEY PWB	PWB-0994-C	

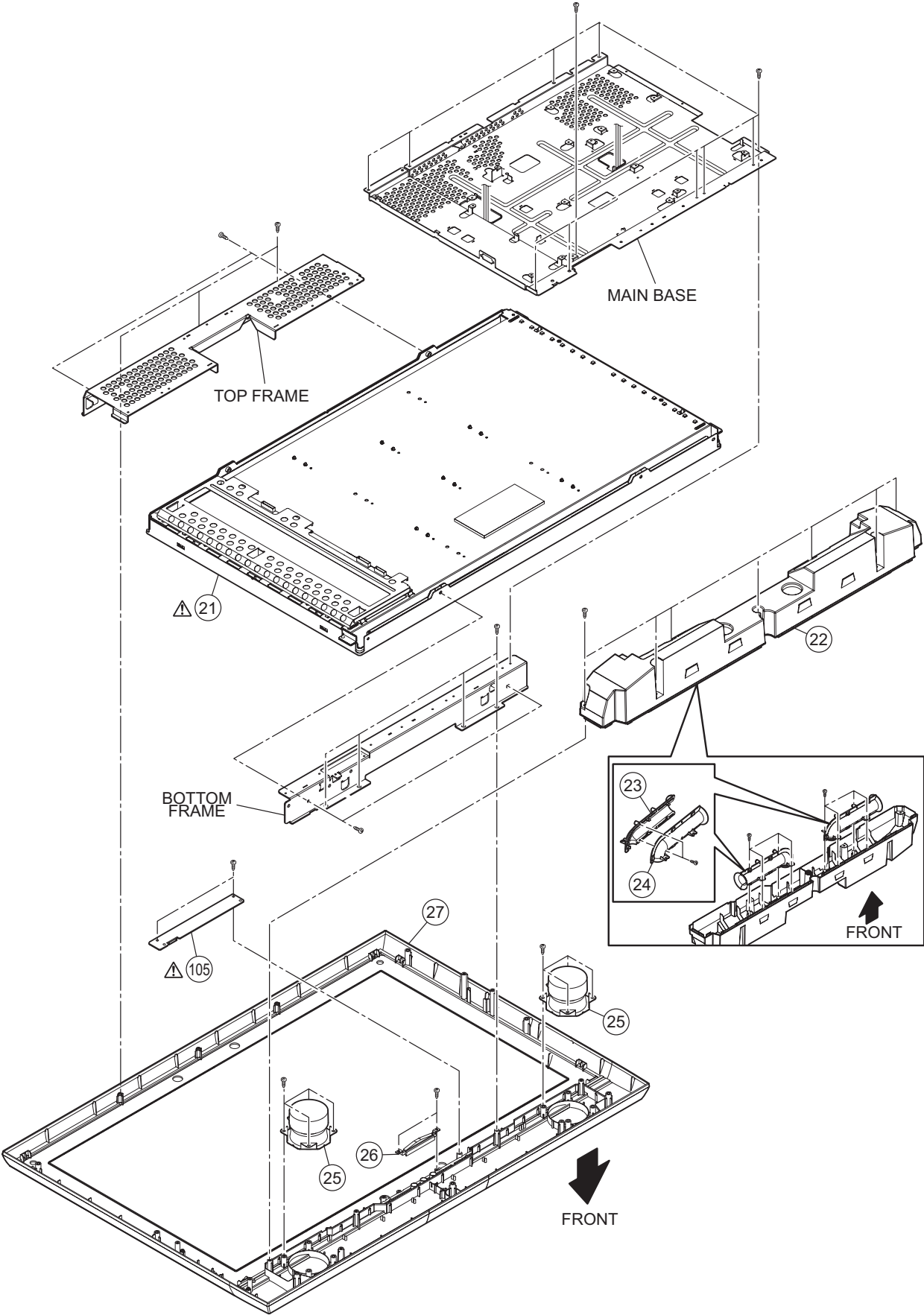
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

△	Ref.No.	Part No.	Part Name	Description	Local
△	21	QLD0374-002	LCD PANEL UNIT		
	22	LC12253-001E-HK	SPEAKER BOX		
	23	LC21340-001C-HK	DUCT COVER	(x2)	
	24	LC21339-001B-HK	DUCT BASE	(x2)	
	25	QAS0142-001	SPEAKER	SP01,SP02 (x2)	
	26	LC33125-001B-HK	LED LENS		
	27	LC12321-007B-OK	FRONT PANEL ASS'Y		
△	105	DA-5097661700	IR PWB	PWB-0984-C	

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (DA-5097661600) (PWB-0983-C)

△Ref No.	Part No.	Part Name	Description Local
I001	DA-F640031025	IC	AP1084K(ADJ)LA
I003	DA-F640031025	IC	AP1084K(ADJ)LA
I004	DA-F640031014	IC	LT1117S18
I009	DA-F640010150	IC	AP1117E33LA
I011	DA-F626020011	IC	2N7002
I012	DA-F645011952	IC	TDA8931
I013	DA-F647026154	IC	(SERVICE) W29C040
I015	DA-F647310702	IC	IS61C256AL-12JLI
I016	DA-F647073055	IC	BR24L02DA-F-W
I017	DA-F647005555	IC	BR24L02F-W
I018	DA-F649002150	IC	MST9883C
I019	DA-F640010150	IC	AP1117E33LA
I020	DA-F645011952	IC	TDA8931
I023	DA-F647026450	IC	CAT24WC64
I025	DA-F640010150	IC	AP1117E33LA
I028	DA-F640010159	IC	AP1117DA-E25LA
I032	DA-F647001641	IC	EM6A9320BI
I033	DA-F644077051	IC	MSP3410G
I035	DA-F626090068	IC	AO6800L
I036	DA-F626090068	IC	AO6800L
I037	DA-F647003352	IC	SVP-EX52
Q001	DA-F626002853	TRANSISTOR	AO3401L
Q002	DA-F622010011	TRANSISTOR	KN3904
Q003	DA-F622010011	TRANSISTOR	KN3904
Q005	DA-F622010011	TRANSISTOR	KN3904
Q006	DA-F623010011	TRANSISTOR	KN3906
Q007	DA-F623010011	TRANSISTOR	KN3906
Q008	DA-F623010011	TRANSISTOR	KN3906
Q010	DA-F623010011	TRANSISTOR	KN3906
Q012	DA-F622010011	TRANSISTOR	KN3904
Q013	DA-F622010011	TRANSISTOR	KN3904
Q014	DA-F623010011	TRANSISTOR	KN3906
Q015	DA-F622010011	TRANSISTOR	KN3904
Q016	DA-F622010011	TRANSISTOR	KN3904
Q752	DA-F622010011	TRANSISTOR	KN3904
Q753	DA-F622010011	TRANSISTOR	KN3904
Q754	DA-F622010011	TRANSISTOR	KN3904
D008	DA-F613020019	DIODE	100V 5A
D009	DA-F613020019	DIODE	100V 5A
D011	DA-F613020019	DIODE	100V 5A
D012	DA-F611020021	DIODE	30V 0.2A
D013	DA-F611020021	DIODE	30V 0.2A
D014	DA-F613020019	DIODE	100V 5A
D015	DA-F611020011	DIODE	30V 0.2A
D018	DA-F613020019	DIODE	100V 5A
D027	DA-F613020019	DIODE	100V 5A
Z001	DA-F615002361	Z DIODE	4.85V
Z002	DA-F615002361	Z DIODE	4.85V
Z003	DA-F615002361	Z DIODE	4.85V
Z004	DA-F615002361	Z DIODE	4.85V
Z005	DA-F615002361	Z DIODE	4.85V
Z006	DA-F615002361	Z DIODE	4.85V
Z007	DA-F615002361	Z DIODE	4.85V
Z008	DA-F615002361	Z DIODE	4.85V
Z009	DA-F615002361	Z DIODE	4.85V
Z010	DA-F615002361	Z DIODE	4.85V
Z011	DA-F615002361	Z DIODE	4.85V
Z012	DA-F615002361	Z DIODE	4.85V
Z013	DA-F615002361	Z DIODE	4.85V
Z014	DA-F615002361	Z DIODE	4.85V
Z015	DA-F615002361	Z DIODE	4.85V
Z016	DA-F615002361	Z DIODE	4.85V
Z017	DA-F615002361	Z DIODE	4.85V
Z018	DA-F615002361	Z DIODE	4.85V
Z019	DA-F615002361	Z DIODE	4.85V
Z020	DA-F615002361	Z DIODE	4.85V
Z021	DA-F615002361	Z DIODE	4.85V
Z022	DA-F615002361	Z DIODE	4.85V
Z023	DA-F615002361	Z DIODE	4.85V
Z024	DA-F615002361	Z DIODE	4.85V
Z025	DA-F615002361	Z DIODE	4.85V
Z026	DA-F615002361	Z DIODE	4.85V
Z027	DA-F615002361	Z DIODE	4.85V
Z028	DA-F615002361	Z DIODE	4.85V
Z029	DA-F615002361	Z DIODE	4.85V
Z030	DA-F615002361	Z DIODE	4.85V
Z031	DA-F615002361	Z DIODE	4.85V

△Ref No.	Part No.	Part Name	Description Local
Z032	DA-F615002361	Z DIODE	4.85V
Z033	DA-F615002361	Z DIODE	4.85V
Z034	DA-F615002361	Z DIODE	4.85V
Z035	DA-F615002361	Z DIODE	4.85V
Z036	DA-F615002361	Z DIODE	4.85V
Z037	DA-F615002361	Z DIODE	4.85V
Z038	DA-F615002361	Z DIODE	4.85V
Z039	DA-F615002361	Z DIODE	4.85V
Z040	DA-F615002361	Z DIODE	4.85V
Z041	DA-F615002361	Z DIODE	4.85V
ZD15	DA-F615010091	Z DIODE	BZT52C3V6 SOD123
C001	DA-E230615391	CAPACITOR	50V 0.015uF K
C002	DA-E240622191	CAPACITOR	50V 220pF J
C003	DA-E240622191	CAPACITOR	50V 220pF J
C004	DA-E230003391	CAPACITOR	25V 0.1uF Z
C005	DA-E216032002	CAPACITOR	16V 100uF M
C006	DA-E280822491	CAPACITOR	50V 0.22uF Z
C007	DA-E216032002	CAPACITOR	16V 100uF M
C008	DA-E230003391	CAPACITOR	25V 0.1uF Z
C009	DA-E216032202	CAPACITOR	25V 1000uF M
C010	DA-E230003391	CAPACITOR	25V 0.1uF Z
C011	DA-E275133491	CAPACITOR	63V 0.33uF J
C012	DA-E216032002	CAPACITOR	16V 100uF M
C013	DA-E240610191	CAPACITOR	50V 100pF J
C014	DA-E240610191	CAPACITOR	50V 100pF J
C015	DA-E240610191	CAPACITOR	50V 100pF J
C016	DA-E240610191	CAPACITOR	50V 100pF J
C017	DA-E240610191	CAPACITOR	50V 100pF J
C019	DA-E230610291	CAPACITOR	50V 1000pF K
C020	DA-E240610191	CAPACITOR	50V 100pF J
C021	DA-E230622291	CAPACITOR	50V 2200pF
C022	DA-E240610191	CAPACITOR	50V 100pF J
C024	DA-E216032002	CAPACITOR	16V 100uF M
C025	DA-E230003391	CAPACITOR	25V 0.1uF Z
C026	DA-E216032002	CAPACITOR	16V 100uF M
C027	DA-E216032002	CAPACITOR	16V 100uF M
C028	DA-E230622291	CAPACITOR	50V 2200pF
C029	DA-E230622291	CAPACITOR	50V 2200pF
C030	DA-E240610191	CAPACITOR	50V 100pF J
C031	DA-E230003391	CAPACITOR	25V 0.1uF Z
C032	DA-E230003391	CAPACITOR	25V 0.1uF Z
C034	DA-E230003391	CAPACITOR	25V 0.1uF Z
C036	DA-E240622191	CAPACITOR	50V 220pF J
C037	DA-E216032002	CAPACITOR	16V 100uF M
C039	DA-E275133491	CAPACITOR	63V 0.33uF J
C041	DA-E216032202	CAPACITOR	25V 1000uF M
C042	DA-E280822491	CAPACITOR	50V 0.22uF Z
C043	DA-E230615391	CAPACITOR	50V 0.015uF K
C044	DA-E230003391	CAPACITOR	25V 0.1uF Z
C045	DA-E216032002	CAPACITOR	16V 100uF M
C046	DA-E230622291	CAPACITOR	50V 2200pF
C047	DA-E230610291	CAPACITOR	50V 1000pF K
C049	DA-E240622191	CAPACITOR	50V 220pF J
C050	DA-E280822491	CAPACITOR	50V 0.22uF Z
C052	DA-E230002791	CAPACITOR	16V 0.47uF Z
C053	DA-E216032002	CAPACITOR	16V 100uF M
C054	DA-E216032002	CAPACITOR	16V 100uF M
C055	DA-E216032102	CAPACITOR	25V 220uF M
C056	DA-E230647391	CAPACITOR	50V 0.047uF K
C057	DA-E230647391	CAPACITOR	50V 0.047uF K
C058	DA-E230682391	CAPACITOR	50V 0.082uF K
C059	DA-E240610191	CAPACITOR	50V 100pF J
C060	DA-E216032102	CAPACITOR	25V 220uF M
C061	DA-E216031902	CAPACITOR	35V 22uF M
C062	DA-E230003391	CAPACITOR	25V 0.1uF Z
C064	DA-E240647091	CAPACITOR	50V 47pF J
C065	DA-E230003391	CAPACITOR	25V 0.1uF Z
C066	DA-E230610291	CAPACITOR	50V 1000pF K
C067	DA-E230610291	CAPACITOR	50V 1000pF K
C068	DA-E230682291	CAPACITOR	50V 8200pF K
C069	DA-E230003391	CAPACITOR	25V 0.1uF Z
C070	DA-E230003391	CAPACITOR	25V 0.1uF Z
C071	DA-E230003391	CAPACITOR	25V 0.1uF Z
C072	DA-E230003391	CAPACITOR	25V 0.1uF Z
C073	DA-E280822491	CAPACITOR	50V 0.22uF Z
C075	DA-E230003391	CAPACITOR	25V 0.1uF Z
C077	DA-E230647391	CAPACITOR	50V 0.047uF K
C078	DA-E230003391	CAPACITOR	25V 0.1uF Z
C082	DA-E230610291	CAPACITOR	50V 1000pF K
C085	DA-E230647391	CAPACITOR	50V 0.047uF K
C086	DA-E230610291	CAPACITOR	50V 1000pF K
C089	DA-E230003391	CAPACITOR	25V 0.1uF Z
C090	DA-E230003391	CAPACITOR	25V 0.1uF Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C092	DA-E230003391	CAPACITOR	25V 0.1uF Z	C233	DA-E250810591	CAPACITOR	25V 1uF Z
C094	DA-E230003391	CAPACITOR	25V 0.1uF Z	C234	DA-E134600009	RESISTOR	1/10W 0Ω J
C095	DA-E230647391	CAPACITOR	50V 0.047uF K	C235	DA-E134600009	RESISTOR	1/10W 0Ω J
C097	DA-E230003391	CAPACITOR	25V 0.1uF Z	C236	DA-E134600009	RESISTOR	1/10W 0Ω J
C098	DA-E230610291	CAPACITOR	50V 1000pF K	C237	DA-E134600009	RESISTOR	1/10W 0Ω J
C099	DA-E216032002	CAPACITOR	16V 100uF M	C238	DA-E230003391	CAPACITOR	25V 0.1uF Z
C100	DA-E230610291	CAPACITOR	50V 1000pF K	C239	DA-E216031902	CAPACITOR	35V 22uF M
C101	DA-E230003391	CAPACITOR	25V 0.1uF Z	C240	DA-E216032102	CAPACITOR	25V 220uF M
C102	DA-E230003391	CAPACITOR	25V 0.1uF Z	C241	DA-E230003391	CAPACITOR	25V 0.1uF Z
C103	DA-E230003391	CAPACITOR	25V 0.1uF Z	C242	DA-E216031902	CAPACITOR	35V 22uF M
C104	DA-E230003391	CAPACITOR	25V 0.1uF Z	C243	DA-E230003391	CAPACITOR	25V 0.1uF Z
C105	DA-E240615091	CAPACITOR	50V 15pF J	C244	DA-E230003391	CAPACITOR	25V 0.1uF Z
C106	DA-E230003391	CAPACITOR	25V 0.1uF Z	C245	DA-E280822491	CAPACITOR	50V 0.22uF Z
C107	DA-E216031902	CAPACITOR	35V 22uF M	C249	DA-E230003391	CAPACITOR	25V 0.1uF Z
C109	DA-E216032102	CAPACITOR	25V 220uF M	C250	DA-E230003391	CAPACITOR	25V 0.1uF Z
C110	DA-E216032002	CAPACITOR	16V 100uF M	C252	DA-E230003391	CAPACITOR	25V 0.1uF Z
C111	DA-E216032102	CAPACITOR	25V 220uF M	C254	DA-E230003391	CAPACITOR	25V 0.1uF Z
C112	DA-E216031902	CAPACITOR	35V 22uF M	C255	DA-E230003391	CAPACITOR	25V 0.1uF Z
C113	DA-E230003391	CAPACITOR	25V 0.1uF Z	C257	DA-E230003391	CAPACITOR	25V 0.1uF Z
C114	DA-E240610091	CAPACITOR	50V 10pF J	C259	DA-E230003391	CAPACITOR	25V 0.1uF Z
C115	DA-E230003391	CAPACITOR	25V 0.1uF Z	C261	DA-E230810491	CAPACITOR	50V 0.1uF K
C116	DA-E214028502	CAPACITOR	50V 2.2uF M	C262	DA-E230003391	CAPACITOR	25V 0.1uF Z
C117	DA-E214028502	CAPACITOR	50V 2.2uF M	C263	DA-E280822491	CAPACITOR	50V 0.22uF Z
C118	DA-E216029002	CAPACITOR	35V 470uF M	C264	DA-E230003391	CAPACITOR	25V 0.1uF Z
C119	DA-E216032002	CAPACITOR	16V 100uF M	C265	DA-E230003391	CAPACITOR	25V 0.1uF Z
C120	DA-E230003391	CAPACITOR	25V 0.1uF Z	C266	DA-E230810491	CAPACITOR	50V 0.1uF K
C121	DA-E216032102	CAPACITOR	25V 220uF M	C269	DA-E230003391	CAPACITOR	25V 0.1uF Z
C123	DA-E240647091	CAPACITOR	50V 47pF J	C271	DA-E230003391	CAPACITOR	25V 0.1uF Z
C125	DA-E240610091	CAPACITOR	50V 10pF J	C274	DA-E230003391	CAPACITOR	25V 0.1uF Z
C126	DA-E230003391	CAPACITOR	25V 0.1uF Z	C276	DA-E240668091	CAPACITOR	50V 68pF J
C127	DA-E216032002	CAPACITOR	16V 100uF M	C277	DA-E230003391	CAPACITOR	25V 0.1uF Z
C128	DA-E230016791	CAPACITOR	10V 10uF Z	C278	DA-E230003391	CAPACITOR	25V 0.1uF Z
C129	DA-E240647091	CAPACITOR	50V 47pF J	C279	DA-E230003391	CAPACITOR	25V 0.1uF Z
C130	DA-E230016791	CAPACITOR	10V 10uF Z	C280	DA-E230016791	CAPACITOR	10V 10uF Z
C133	DA-E216031902	CAPACITOR	35V 22uF M	C281	DA-E230016791	CAPACITOR	10V 10uF Z
C140	DA-E240615091	CAPACITOR	50V 15pF J	C282	DA-E230810491	CAPACITOR	50V 0.1uF K
C141	DA-E240615091	CAPACITOR	50V 15pF J	C284	DA-E230003391	CAPACITOR	25V 0.1uF Z
C142	DA-E230610291	CAPACITOR	50V 1000pF K	C285	DA-E240668091	CAPACITOR	50V 68pF J
C145	DA-E230003391	CAPACITOR	25V 0.1uF Z	C286	DA-E240633091	CAPACITOR	50V 33pF
C149	DA-E230021691	CAPACITOR	16V 4.7uF Z	C288	DA-E216032002	CAPACITOR	16V 100uF M
C150	DA-E230003391	CAPACITOR	25V 0.1uF Z	C289	DA-E230003391	CAPACITOR	25V 0.1uF Z
C151	DA-E230003391	CAPACITOR	25V 0.1uF Z	C294	DA-E230610391	CAPACITOR	50V 0.01uF K
C152	DA-E230003391	CAPACITOR	25V 0.1uF Z	C296	DA-E240633091	CAPACITOR	50V 33pF
C159	DA-E230016791	CAPACITOR	10V 10uF Z	C297	DA-E230003391	CAPACITOR	25V 0.1uF Z
C162	DA-E216032002	CAPACITOR	16V 100uF M	C299	DA-E230003391	CAPACITOR	25V 0.1uF Z
C163	DA-E216032002	CAPACITOR	16V 100uF M	C301	DA-E230003391	CAPACITOR	25V 0.1uF Z
C164	DA-E230610291	CAPACITOR	50V 1000pF K	C303	DA-E230003391	CAPACITOR	25V 0.1uF Z
C166	DA-E230610291	CAPACITOR	50V 1000pF K	C304	DA-E230003391	CAPACITOR	25V 0.1uF Z
C167	DA-E230016791	CAPACITOR	10V 10uF Z	C305	DA-E230003391	CAPACITOR	25V 0.1uF Z
C171	DA-E216031902	CAPACITOR	35V 22uF M	C307	DA-E230003391	CAPACITOR	25V 0.1uF Z
C175	DA-E230003391	CAPACITOR	25V 0.1uF Z	C308	DA-E216031902	CAPACITOR	35V 22uF M
C180	DA-E230003391	CAPACITOR	25V 0.1uF Z	C309	DA-E230003391	CAPACITOR	25V 0.1uF Z
C183	DA-E240610191	CAPACITOR	50V 100pF J	C311	DA-E230003391	CAPACITOR	25V 0.1uF Z
C184	DA-E216031902	CAPACITOR	35V 22uF M	C312	DA-E230003391	CAPACITOR	25V 0.1uF Z
C188	DA-E230610291	CAPACITOR	50V 1000pF K	C313	DA-E230003391	CAPACITOR	25V 0.1uF Z
C190	DA-E240647191	CAPACITOR	50V 470pF J	C314	DA-E230003391	CAPACITOR	25V 0.1uF Z
C196	DA-E240633991	CAPACITOR	50V 3.3pF C	C318	DA-E230003391	CAPACITOR	25V 0.1uF Z
C200	DA-E216031902	CAPACITOR	35V 22uF M	C319	DA-E230003391	CAPACITOR	25V 0.1uF Z
C201	DA-E240633991	CAPACITOR	50V 3.3pF C	C320	DA-E216031902	CAPACITOR	35V 22uF M
C202	DA-E216031902	CAPACITOR	35V 22uF M	C328	DA-E230003391	CAPACITOR	25V 0.1uF Z
C203	DA-E240656091	CAPACITOR	50V 56pF J	C329	DA-E230003391	CAPACITOR	25V 0.1uF Z
C204	DA-E216031902	CAPACITOR	35V 22uF M	C332	DA-E230003391	CAPACITOR	25V 0.1uF Z
C205	DA-E230003391	CAPACITOR	25V 0.1uF Z	C334	DA-E230003391	CAPACITOR	25V 0.1uF Z
C206	DA-E230003391	CAPACITOR	25V 0.1uF Z	C335	DA-E230003391	CAPACITOR	25V 0.1uF Z
C207	DA-E230003391	CAPACITOR	25V 0.1uF Z	C336	DA-E230003391	CAPACITOR	25V 0.1uF Z
C209	DA-E230003391	CAPACITOR	25V 0.1uF Z	C337	DA-E230003391	CAPACITOR	25V 0.1uF Z
C210	DA-E230003391	CAPACITOR	25V 0.1uF Z	C338	DA-E230003391	CAPACITOR	25V 0.1uF Z
C211	DA-E230003391	CAPACITOR	25V 0.1uF Z	C339	DA-E230003391	CAPACITOR	25V 0.1uF Z
C212	DA-E230003391	CAPACITOR	25V 0.1uF Z	C340	DA-E230003391	CAPACITOR	25V 0.1uF Z
C213	DA-E240656091	CAPACITOR	50V 56pF J	C341	DA-E216031902	CAPACITOR	35V 22uF M
C214	DA-E230003391	CAPACITOR	25V 0.1uF Z	C342	DA-E216031902	CAPACITOR	35V 22uF M
C215	DA-E230003391	CAPACITOR	25V 0.1uF Z	C343	DA-E230003391	CAPACITOR	25V 0.1uF Z
C216	DA-E230003391	CAPACITOR	25V 0.1uF Z	C345	DA-E230003391	CAPACITOR	25V 0.1uF Z
C217	DA-E230003391	CAPACITOR	25V 0.1uF Z	C346	DA-E230627291	CAPACITOR	50V 2700pF
C218	DA-E230610291	CAPACITOR	50V 1000pF K	C353	DA-E230003391	CAPACITOR	25V 0.1uF Z
C219	DA-E230003391	CAPACITOR	25V 0.1uF Z	C354	DA-E216031902	CAPACITOR	35V 22uF M
C220	DA-E230610291	CAPACITOR	50V 1000pF K	C356	DA-E216031902	CAPACITOR	35V 22uF M
C221	DA-E216031902	CAPACITOR	35V 22uF M	C357	DA-E230003391	CAPACITOR	25V 0.1uF Z
C222	DA-E250810591	CAPACITOR	25V 1uF Z	C364	DA-E230627291	CAPACITOR	50V 2700pF
C223	DA-E230003391	CAPACITOR	25V 0.1uF Z	C377	DA-E216031902	CAPACITOR	35V 22uF M
C224	DA-E230003391	CAPACITOR	25V 0.1uF Z	C378	DA-E230003391	CAPACITOR	25V 0.1uF Z
C225	DA-E230003391	CAPACITOR	25V 0.1uF Z	C380	DA-E230003391	CAPACITOR	25V 0.1uF Z
C226	DA-E216031902	CAPACITOR	35V 22uF M	C381	DA-E216031902	CAPACITOR	35V 22uF M
C227	DA-E230003391	CAPACITOR	25V 0.1uF Z	C396	DA-E216031902	CAPACITOR	35V 22uF M
C228	DA-E134600009	RESISTOR	1/10W 0Ω J	C397	DA-E230003391	CAPACITOR	25V 0.1uF Z
C229	DA-E134600009	RESISTOR	1/10W 0Ω J	C428	DA-E230003391	CAPACITOR	25V 0.1uF Z
C231	DA-E230003391	CAPACITOR	25V 0.1uF Z	C429	DA-E230003391	CAPACITOR	25V 0.1uF Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C444	DA-E230003391	CAPACITOR	25V 0.1uF Z	R061	DA-E134210009	RESISTOR	1/10W 100Ω F
C445	DA-E216032002	CAPACITOR	16V 100uF M	R062	DA-E134210009	RESISTOR	1/10W 100Ω F
C446	DA-E230647291	CAPACITOR	50V 4700pF K	R063	DA-E134600009	RESISTOR	1/10W 0Ω J
C447	DA-E230610391	CAPACITOR	50V 0.01uF K	R064	DA-E134600009	RESISTOR	1/10W 0Ω J
C448	DA-E230610391	CAPACITOR	50V 0.01uF K	R065	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C449	DA-E230610391	CAPACITOR	50V 0.01uF K	R066	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C450	DA-E230003391	CAPACITOR	25V 0.1uF Z	R067	DA-E134600009	RESISTOR	1/10W 0Ω J
C451	DA-E230610391	CAPACITOR	50V 0.01uF K	R068	DA-E134600009	RESISTOR	1/10W 0Ω J
C452	DA-E230003391	CAPACITOR	25V 0.1uF Z	R069	DA-E134610309	RESISTOR	1/10W 10kΩ J
C453	DA-E216031902	CAPACITOR	35V 22uF M	R070	DA-E134610309	RESISTOR	1/10W 10kΩ J
C454	DA-E216032002	CAPACITOR	16V 100uF M	R071	DA-E134210009	RESISTOR	1/10W 100Ω F
C455	DA-E230610391	CAPACITOR	50V 0.01uF K	R072	DA-E134275099	RESISTOR	1/10W 75Ω F
C456	DA-E230003391	CAPACITOR	25V 0.1uF Z	R073	DA-E134600009	RESISTOR	1/10W 0Ω J
C457	DA-E230003391	CAPACITOR	25V 0.1uF Z	R074	DA-E134600009	RESISTOR	1/10W 0Ω J
C458	DA-E230647291	CAPACITOR	50V 4700pF K	R075	DA-E134600009	RESISTOR	1/10W 0Ω J
C459	DA-E230610391	CAPACITOR	50V 0.01uF K	R076	DA-E134275099	RESISTOR	1/10W 75Ω F
C460	DA-E230610391	CAPACITOR	50V 0.01uF K	R078	DA-E134210009	RESISTOR	1/10W 100Ω F
C461	DA-E230003391	CAPACITOR	25V 0.1uF Z	R079	DA-E134275099	RESISTOR	1/10W 75Ω F
C601	DA-E230016791	CAPACITOR	10V 10uF Z	R080	DA-E134610309	RESISTOR	1/10W 10kΩ J
C602	DA-E230016791	CAPACITOR	10V 10uF Z	R081	DA-E134622009	RESISTOR	1/10W 22Ω J
C605	DA-E230016791	CAPACITOR	10V 10uF Z	R082	DA-E134622009	RESISTOR	1/10W 22Ω J
C606	DA-E230016791	CAPACITOR	10V 10uF Z	R083	DA-E134610309	RESISTOR	1/10W 10kΩ J
C609	DA-E230016791	CAPACITOR	10V 10uF Z	R085	DA-E134600009	RESISTOR	1/10W 0Ω J
C611	DA-E230016791	CAPACITOR	10V 10uF Z	R087	DA-E134600009	RESISTOR	1/10W 0Ω J
C612	DA-E230016791	CAPACITOR	10V 10uF Z	R088	DA-E134275099	RESISTOR	1/10W 75Ω F
C615	DA-E216032002	CAPACITOR	16V 100uF M	R089	DA-E134600009	RESISTOR	1/10W 0Ω J
C616	DA-E230003391	CAPACITOR	25V 0.1uF Z	R090	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C622	DA-E230016791	CAPACITOR	10V 10uF Z	R091	DA-E134610309	RESISTOR	1/10W 10kΩ J
C627	DA-E230016791	CAPACITOR	10V 10uF Z	R092	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C628	DA-E216032002	CAPACITOR	16V 100uF M	R093	DA-E134610309	RESISTOR	1/10W 10kΩ J
C629	DA-E216032002	CAPACITOR	16V 100uF M	R094	DA-E134610309	RESISTOR	1/10W 10kΩ J
C630	DA-E230003391	CAPACITOR	25V 0.1uF Z	R095	DA-E134610309	RESISTOR	1/10W 10kΩ J
C634	DA-E230016791	CAPACITOR	10V 10uF Z	R096	DA-E134210009	RESISTOR	1/10W 100Ω F
C640	DA-E216029002	CAPACITOR	35V 470uF M	R097	DA-E134275099	RESISTOR	1/10W 75Ω F
C719	DA-E216031902	CAPACITOR	35V 22uF M	R098	DA-E134610309	RESISTOR	1/10W 10kΩ J
C720	DA-E216031902	CAPACITOR	35V 22uF M	R099	DA-E134610309	RESISTOR	1/10W 10kΩ J
C752	DA-E216032002	CAPACITOR	16V 100uF M	R100	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C753	DA-E216032002	CAPACITOR	16V 100uF M	R102	DA-E134210009	RESISTOR	1/10W 100Ω F
C754	DA-E216032002	CAPACITOR	16V 100uF M	R104	DA-E134210009	RESISTOR	1/10W 100Ω F
R001	DA-E138110099	RESISTOR	1/8W 10Ω F	R105	DA-E134610309	RESISTOR	1/10W 10kΩ J
R002	DA-E138110099	RESISTOR	1/8W 10Ω F	R106	DA-E134275099	RESISTOR	1/10W 75Ω F
R005	DA-E134639109	RESISTOR	1/10W 390Ω J	R107	DA-E134275099	RESISTOR	1/10W 75Ω F
R006	DA-E134624109	RESISTOR	1/10W 240Ω J	R108	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R010	DA-E134647109	RESISTOR	1/10W 470Ω J	R113	DA-E134600009	RESISTOR	1/10W 0Ω J
R012	DA-E134610309	RESISTOR	1/10W 10kΩ J	R114	DA-E134610309	RESISTOR	1/10W 10kΩ J
R013	DA-E134610209	RESISTOR	1/10W 1kΩ J	R115	DA-E134610309	RESISTOR	1/10W 10kΩ J
R014	DA-E134610309	RESISTOR	1/10W 10kΩ J	R116	DA-E134610309	RESISTOR	1/10W 10kΩ J
R015	DA-E134247029	RESISTOR	1/10W 47kΩ F	R118	DA-E134210009	RESISTOR	1/10W 100Ω F
R016	DA-E134247029	RESISTOR	1/10W 47kΩ F	R119	DA-E134610309	RESISTOR	1/10W 10kΩ J
R017	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R120	DA-E134275099	RESISTOR	1/10W 75Ω F
R018	DA-E134615209	RESISTOR	1/10W 1.5kΩ J	R121	DA-E134275099	RESISTOR	1/10W 75Ω F
R019	DA-E134610209	RESISTOR	1/10W 1kΩ J	R122	DA-E134610209	RESISTOR	1/10W 1kΩ J
R020	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R123	DA-E134610309	RESISTOR	1/10W 10kΩ J
R021	DA-E134622209	RESISTOR	1/10W 2.2kΩ J	R124	DA-E134610309	RESISTOR	1/10W 10kΩ J
R022	DA-E134633309	RESISTOR	1/10W 33kΩ J	R125	DA-E134600009	RESISTOR	1/10W 0Ω J
R024	DA-E138110099	RESISTOR	1/8W 10Ω F	R126	DA-E134600009	RESISTOR	1/10W 0Ω J
R025	DA-E134247029	RESISTOR	1/10W 47kΩ F	R129	DA-E134600009	RESISTOR	1/10W 0Ω J
R026	DA-E134624309	RESISTOR	1/10W 24kΩ J	R131	DA-E134600009	RESISTOR	1/10W 0Ω J
R028	DA-E134624309	RESISTOR	1/10W 24kΩ J	R132	DA-E134600009	RESISTOR	1/10W 0Ω J
R029	DA-E134656109	RESISTOR	1/10W 560Ω J	R135	DA-E134610309	RESISTOR	1/10W 10kΩ J
R030	DA-E134633009	RESISTOR	1/10W 33Ω J	R136	DA-E134610309	RESISTOR	1/10W 10kΩ J
R031	DA-E134600009	RESISTOR	1/10W 0Ω J	R137	DA-E134610209	RESISTOR	1/10W 1kΩ J
R032	DA-E134633009	RESISTOR	1/10W 33Ω J	R138	DA-E134615309	RESISTOR	1/10W 15kΩ J
R034	DA-E134610509	RESISTOR	1/10W 1MΩ J	R140	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R035	DA-E134633009	RESISTOR	1/10W 33Ω J	R141	DA-E134600009	RESISTOR	1/10W 0Ω J
R036	DA-E134639109	RESISTOR	1/10W 390Ω J	R142	DA-E134612309	RESISTOR	1/10W 100Ω
R038	DA-E134600009	RESISTOR	1/10W 0Ω J	R143	DA-E134210009	RESISTOR	1/10W 100Ω F
R039	DA-E134600009	RESISTOR	1/10W 0Ω J	R144	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R041	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R145	DA-E134247029	RESISTOR	1/10W 47kΩ F
R042	DA-E134600009	RESISTOR	1/10W 0Ω J	R147	DA-E134210009	RESISTOR	1/10W 100Ω F
R043	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R149	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R044	DA-E134600009	RESISTOR	1/10W 0Ω J	R151	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R045	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R154	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R046	DA-E134633009	RESISTOR	1/10W 33Ω J	R155	DA-E134610209	RESISTOR	1/10W 1kΩ J
R048	DA-E134610309	RESISTOR	1/10W 10kΩ J	R156	DA-E137222099	RESISTOR	1/8W 22Ω F
R049	DA-E134622209	RESISTOR	1/10W 2.2kΩ J	R157	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R050	DA-E134647009	RESISTOR	1/10W 47Ω J	R158	DA-E134612309	RESISTOR	1/10W 100Ω
R051	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R159	DA-E134247029	RESISTOR	1/10W 47kΩ F
R052	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R160	DA-E134247029	RESISTOR	1/10W 47kΩ F
R054	DA-E134610209	RESISTOR	1/10W 1kΩ J	R161	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R055	DA-E134630109	RESISTOR	1/10W 300Ω J	R162	DA-E134610209	RESISTOR	1/10W 1kΩ J
R056	DA-E134630109	RESISTOR	1/10W 300Ω J	R163	DA-E134610309	RESISTOR	1/10W 10kΩ J
R057	DA-E134627209	RESISTOR	1/10W 2.7kΩ J	R166	DA-E130547103	RESISTOR	3W 470Ω J
R058	DA-E134610209	RESISTOR	1/10W 1kΩ J	R167	DA-E134610309	RESISTOR	1/10W 10kΩ J
R059	DA-E134647009	RESISTOR	1/10W 47Ω J	R171	DA-E134610409	RESISTOR	1/10W 100kΩ J
R060	DA-E134622209	RESISTOR	1/10W 2.2kΩ J	R172	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
				R174	DA-E134647209	RESISTOR	1/10W 4.7kΩ J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R176	DA-E134600009	REGISTOR	1/10W 0Ω J	R385	DA-E134210009	RESISTOR	1/10W 100Ω F
R177	DA-E134610409	REGISTOR	1/10W 100kΩ J	R391	DA-E134600009	RESISTOR	1/10W 0Ω J
R179	DA-E134610409	RESISTOR	1/10W 100kΩ J	R392	DA-E134600009	RESISTOR	1/10W 0Ω J
R189	DA-E134612209	RESISTOR	1/10W 1.2kΩ J	R393	DA-E134600009	RESISTOR	1/10W 0Ω J
R190	DA-E134622109	RESISTOR	1/10W 220Ω J	R403	DA-E134600009	RESISTOR	1/10W 0Ω J
R206	DA-E134610309	RESISTOR	1/10W 10kΩ J	R404	DA-E134600009	RESISTOR	1/10W 0Ω J
R210	DA-E134275099	RESISTOR	1/10W 75Ω F	R405	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R215	DA-E134275099	RESISTOR	1/10W 75Ω F	R406	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R220	DA-E134610309	RESISTOR	1/10W 10kΩ J	R409	DA-E134600009	RESISTOR	1/10W 0Ω J
R223	DA-E134600009	RESISTOR	1/10W 0Ω J	R411	DA-E134600009	RESISTOR	1/10W 0Ω J
R224	DA-E134600009	RESISTOR	1/10W 0Ω J	R412	DA-E134600009	RESISTOR	1/10W 0Ω J
R225	DA-E134615309	RESISTOR	1/10W 15kΩ J	R416	DA-E134610209	RESISTOR	1/10W 1kΩ J
R226	DA-E134600009	RESISTOR	1/10W 0Ω J	R417	DA-E134610209	RESISTOR	1/10W 1kΩ J
R227	DA-E134615309	RESISTOR	1/10W 15kΩ J	R418	DA-E134610209	RESISTOR	1/10W 1kΩ J
R228	DA-E134600009	RESISTOR	1/10W 0Ω J	R419	DA-E134610209	RESISTOR	1/10W 1kΩ J
R229	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R420	DA-E134610209	RESISTOR	1/10W 1kΩ J
R230	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R421	DA-E134610209	RESISTOR	1/10W 1kΩ J
R231	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R430	DA-E134610209	RESISTOR	1/10W 1kΩ J
R232	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R433	DA-E134600009	RESISTOR	1/10W 0Ω J
R233	DA-E134600009	RESISTOR	1/10W 0Ω J	R434	DA-E134600009	RESISTOR	1/10W 0Ω J
R234	DA-E134610309	RESISTOR	1/10W 10kΩ J	R601	DA-E134275099	RESISTOR	1/10W 75Ω F
R237	DA-E134615009	RESISTOR	1/10W 15Ω J	R603	DA-E134600009	RESISTOR	1/10W 0Ω J
R238	DA-E134668009	RESISTOR	1/10W 68Ω J	R604	DA-E134275099	RESISTOR	1/10W 75Ω F
R239	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R605	DA-E134275099	RESISTOR	1/10W 75Ω F
R240	DA-E134668009	RESISTOR	1/10W 68Ω J	R607	DA-E134275099	RESISTOR	1/10W 75Ω F
R241	DA-E134610209	RESISTOR	1/10W 1kΩ J	R612	DA-E134275099	RESISTOR	1/10W 75Ω F
R243	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R613	DA-E134275099	RESISTOR	1/10W 75Ω F
R256	DA-E134622009	RESISTOR	1/10W 22Ω J	R617	DA-E134275099	RESISTOR	1/10W 75Ω F
R257	DA-E134656209	RESISTOR	1/10W 5.6kΩ J	R619	DA-E134600009	RESISTOR	1/10W 0Ω J
R258	DA-E134647109	RESISTOR	1/10W 470Ω J	R620	DA-E134600009	RESISTOR	1/10W 0Ω J
R260	DA-E134210009	RESISTOR	1/10W 100Ω F	R758	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R261	DA-E134210009	RESISTOR	1/10W 100Ω F	R759	DA-E134610409	RESISTOR	1/10W 100kΩ J
R268	DA-E134600009	RESISTOR	1/10W 0Ω J	R760	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R275	DA-E134610309	RESISTOR	1/10W 10kΩ J	R761	DA-E134275099	RESISTOR	1/10W 75Ω F
R280	DA-E134600009	RESISTOR	1/10W 0Ω J	R762	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R281	DA-E134600009	RESISTOR	1/10W 0Ω J	R763	DA-E134275099	RESISTOR	1/10W 75Ω F
R282	DA-E134210009	RESISTOR	1/10W 100Ω F	R764	DA-E134610409	RESISTOR	1/10W 100kΩ J
R283	DA-E134210009	RESISTOR	1/10W 100Ω F	R765	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R284	DA-E134600009	RESISTOR	1/10W 0Ω J	R766	DA-E134275099	RESISTOR	1/10W 75Ω F
R285	DA-E134600009	RESISTOR	1/10W 0Ω J	R767	DA-E134610409	RESISTOR	1/10W 100kΩ J
R286	DA-E134600009	RESISTOR	1/10W 0Ω J	R768	DA-E134610409	RESISTOR	1/10W 100kΩ J
R287	DA-E134600009	RESISTOR	1/10W 0Ω J	R769	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R288	DA-E134600009	RESISTOR	1/10W 0Ω J	R770	DA-E134610409	REGISTOR	1/10W 100kΩ J
R289	DA-E134600009	RESISTOR	1/10W 0Ω J	R771	DA-E134610409	REGISTOR	1/10W 100kΩ J
R290	DA-E134600009	RESISTOR	1/10W 0Ω J	RP01	DA-E160310101	NET RESISTOR	33.0Ω J X4
R291	DA-E134275099	RESISTOR	1/10W 75Ω F	RP03	DA-E160310138	NET RESISTOR	15.0Ω J X4
R292	DA-E134600009	RESISTOR	1/10W 0Ω J	RP04	DA-E160310101	NET RESISTOR	33.0Ω J X4
R293	DA-E134610309	RESISTOR	1/10W 10kΩ J	RP06	DA-E160310138	NET RESISTOR	15.0Ω J X4
R294	DA-E134210009	RESISTOR	1/10W 100Ω F	RP07	DA-E160310138	NET RESISTOR	15.0Ω J X4
R295	DA-E134275099	RESISTOR	1/10W 75Ω F	RP08	DA-E160310138	NET RESISTOR	15.0Ω J X4
R297	DA-E134275099	RESISTOR	1/10W 75Ω F	RP09	DA-E160310138	NET RESISTOR	15.0Ω J X4
R298	DA-E134600009	RESISTOR	1/10W 0Ω J	RP10	DA-E160310138	NET RESISTOR	15.0Ω J X4
R299	DA-E134600009	RESISTOR	1/10W 0Ω J	RP11	DA-E160310101	NET RESISTOR	33.0Ω J X4
R300	DA-E134600009	RESISTOR	1/10W 0Ω J	RP12	DA-E160310101	NET RESISTOR	33.0Ω J X4
R301	DA-E134600009	REGISTOR	1/10W 0Ω J	RP13	DA-E160310101	NET RESISTOR	33.0Ω J X4
R303	DA-E134600009	REGISTOR	1/10W 0Ω J	RP14	DA-E160310101	NET RESISTOR	33.0Ω J X4
R304	DA-E134600009	REGISTOR	1/10W 0Ω J	RP19	DA-E160310166	NET RESISTOR	560.0Ω J X4
R306	DA-E134600009	RESISTOR	1/10W 0Ω J	RP20	DA-E160310166	NET RESISTOR	560.0Ω J X4
R318	DA-E134600009	RESISTOR	1/10W 0Ω J	RP27	DA-E160310101	NET RESISTOR	33.0Ω J X4
R319	DA-E134600009	RESISTOR	1/10W 0Ω J	RP29	DA-E160310101	NET RESISTOR	33.0Ω J X4
R331	DA-E134600009	RESISTOR	1/10W 0Ω J	RP30	DA-E160310138	NET RESISTOR	15.0Ω J X4
R332	DA-E134600009	RESISTOR	1/10W 0Ω J	RP31	DA-E160310138	NET RESISTOR	15.0Ω J X4
R340	DA-E134600009	RESISTOR	1/10W 0Ω J	RP32	DA-E160310138	NET RESISTOR	15.0Ω J X4
R341	DA-E134600009	RESISTOR	1/10W 0Ω J	RP33	DA-E160310138	NET RESISTOR	15.0Ω J X4
R349	DA-E130322006	RESISTOR	1W 22Ω J	RP34	DA-E160310138	NET RESISTOR	15.0Ω J X4
R350	DA-E134600009	RESISTOR	1/10W 0Ω J	RP35	DA-E160310138	NET RESISTOR	15.0Ω J X4
R351	DA-E134222009	RESISTOR	1/10W 220Ω F	RP36	DA-E160310138	NET RESISTOR	15.0Ω J X4
R352	DA-E130322006	RESISTOR	1W 22Ω J	RP37	DA-E160310138	NET RESISTOR	15.0Ω J X4
R353	DA-E134210009	RESISTOR	1/10W 100Ω F	RP38	DA-E160310122	NET RESISTOR	150.0Ω X4
R360	DA-E134600009	RESISTOR	1/10W 0Ω J	RP39	DA-E160310122	NET RESISTOR	150.0Ω X4
R361	DA-E134610209	RESISTOR	1/10W 1kΩ J	L001	DA-E062176000	COIL	47uH 0.25A
R362	DA-E134610309	RESISTOR	1/10W 10kΩ J	L002	DA-E062176000	COIL	47uH 0.25A
R363	DA-E134600009	RESISTOR	1/10W 0Ω J	L004	DA-E062132343	COIL	60Ω 6A
R365	DA-E134610309	RESISTOR	1/10W 10kΩ J	L005	DA-E062132343	COIL	60Ω 6A
R366	DA-E134610409	RESISTOR	1/10W 100kΩ J	L007	DA-E062133008	COIL	150Ω
R367	DA-E134651009	RESISTOR	1/10W 51Ω J	L008	DA-E062133008	COIL	150Ω
R368	DA-E134651009	RESISTOR	1/10W 51Ω J	L009	DA-E062133008	COIL	150Ω
R369	DA-E134615009	RESISTOR	1/10W 15Ω J	L010	DA-E062133008	COIL	150Ω
R370	DA-E134615009	RESISTOR	1/10W 15Ω J	L011	DA-E062133008	COIL	150Ω
R371	DA-E134615009	RESISTOR	1/10W 15Ω J	L012	DA-E062133008	COIL	150Ω
R372	DA-E134615009	RESISTOR	1/10W 15Ω J	L013	DA-E062133008	COIL	150Ω
R373	DA-E134600009	RESISTOR	1/10W 0Ω J	L014	DA-E062133008	COIL	150Ω
R374	DA-E134210009	RESISTOR	1/10W 100Ω F	L015	DA-E062133008	COIL	150Ω
R379	DA-E134600009	RESISTOR	1/10W 0Ω J	L016	DA-E062132343	COIL	60Ω 6A
R380	DA-E134600009	RESISTOR	1/10W 0Ω J	L018	DA-E062132317	COIL	30Ω
R382	DA-E134610209	RESISTOR	1/10W 1kΩ J	L019	DA-E062133008	COIL	150Ω
R383	DA-E134600009	RESISTOR	1/10W 0Ω J				

△Ref No.	Part No.	Part Name	Description Local
L027	DA-E062133008	COIL	150Ω
L032	DA-E062133008	COIL	150Ω
L034	DA-E062133008	COIL	150Ω
L036	DA-E062133008	COIL	150Ω
L038	DA-E062133008	COIL	150Ω
L041	DA-E062132343	COIL	60Ω 6A
L042	DA-E062133008	COIL	150Ω
L044	DA-E062132317	COIL	30Ω
L045	DA-E062132343	COIL	60Ω 6A
L046	DA-E062133008	COIL	150Ω
L047	DA-E062133008	COIL	150Ω
L048	DA-E062132419	COIL	15uHK 5mA
L050	DA-E062133008	COIL	150Ω
L051	DA-E062132343	COIL	60Ω 6A
L052	DA-E062132343	COIL	60Ω 6A
L053	DA-E062132317	COIL	30Ω
L054	DA-E062132317	COIL	30Ω
L056	DA-E062133008	COIL	150Ω
L057	DA-E062133008	COIL	150Ω
L059	DA-E062132317	COIL	30Ω
L060	DA-E062133008	COIL	150Ω
L061	DA-E062132317	COIL	30Ω
L062	DA-E062133008	COIL	150Ω
L063	DA-E062132317	COIL	30Ω
L064	DA-E062133008	COIL	150Ω
L065	DA-E062133008	COIL	150Ω
L066	DA-E062133008	COIL	150Ω
L068	DA-E062133008	COIL	150Ω
L069	DA-E062133008	COIL	150Ω
L076	DA-E062133008	COIL	150Ω
L078	DA-E062133008	COIL	150Ω
L080	DA-E062133008	COIL	150Ω
L081	DA-E062133008	COIL	150Ω
L082	DA-E062133008	COIL	150Ω
L085	DA-E062133008	COIL	150Ω
L086	DA-E062133008	COIL	150Ω
L098	DA-E062133008	COIL	150Ω
L099	DA-E062133008	COIL	150Ω
L102	DA-E062133008	COIL	150Ω
L104	DA-E062133008	COIL	150Ω
L106	DA-E062132343	COIL	60Ω 6A
L109	DA-E062132343	COIL	60Ω 6A
L110	DA-E062132343	COIL	60Ω 6A
L111	DA-E062132317	COIL	30Ω
L112	DA-E062132317	COIL	30Ω
L113	DA-E062132317	COIL	30Ω
L601	DA-E062132317	COIL	30Ω
L602	DA-E062132317	COIL	30Ω
L603	DA-E062132317	COIL	30Ω
L604	DA-E062132317	COIL	30Ω
L605	DA-E062132317	COIL	30Ω
L606	DA-E062132317	COIL	30Ω
L607	DA-E062132317	COIL	30Ω
L609	DA-E062132343	COIL	60Ω 6A
L610	DA-E062132317	COIL	30Ω
L612	DA-E062132317	COIL	30Ω
L614	DA-E062132317	COIL	30Ω
L615	DA-E062132343	COIL	60Ω 6A
L617	DA-E062132317	COIL	30Ω
L619	DA-E062132317	COIL	30Ω
L720	DA-E062132317	COIL	30Ω
L721	DA-E062133008	COIL	150Ω
L722	DA-E062133008	COIL	150Ω
P001	DA-E782511024	CONNECTOR	A2001WV2-10P
P002	DA-E782513008	CONNECTOR	A1255WR0-30PSBS
P003	DA-E782510019	CONNECTOR	A1255WR0-30PSBS
P004	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P005	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P006	DA-E782511023	CONNECTOR	A2001WV2-6P
P008	DA-E782511017	CONNECTOR	A2001WV2-5P
P009	DA-E782511012	CONNECTOR	A2001WV2-5P
P601	DA-E782404042	CONNECTOR	1X2STACK
P602	DA-E782404022	CONNECTOR	1X2STACK,4P,RA,DIP
P603	DA-E782404043	CONNECTOR	2X2STACK
P604	DA-E782404044	CONNECTOR	2X2STACK
PJ01	DA-E782401000	CONNECTOR	3ROW,R/A,Blue,ATT
PJ02	DA-E782405001	CONNECTOR	3.5mm,R/A,DIP,GREEN
U601	DA-E052110026	TUNER	FQ1216LME/I H-5
X001	DA-F699122903	CRYSTAL	10MHz
X002	DA-F699153630	CRYSTAL	18.432MHz
X003	DA-F699106034	CRYSTAL	14.318MHZ

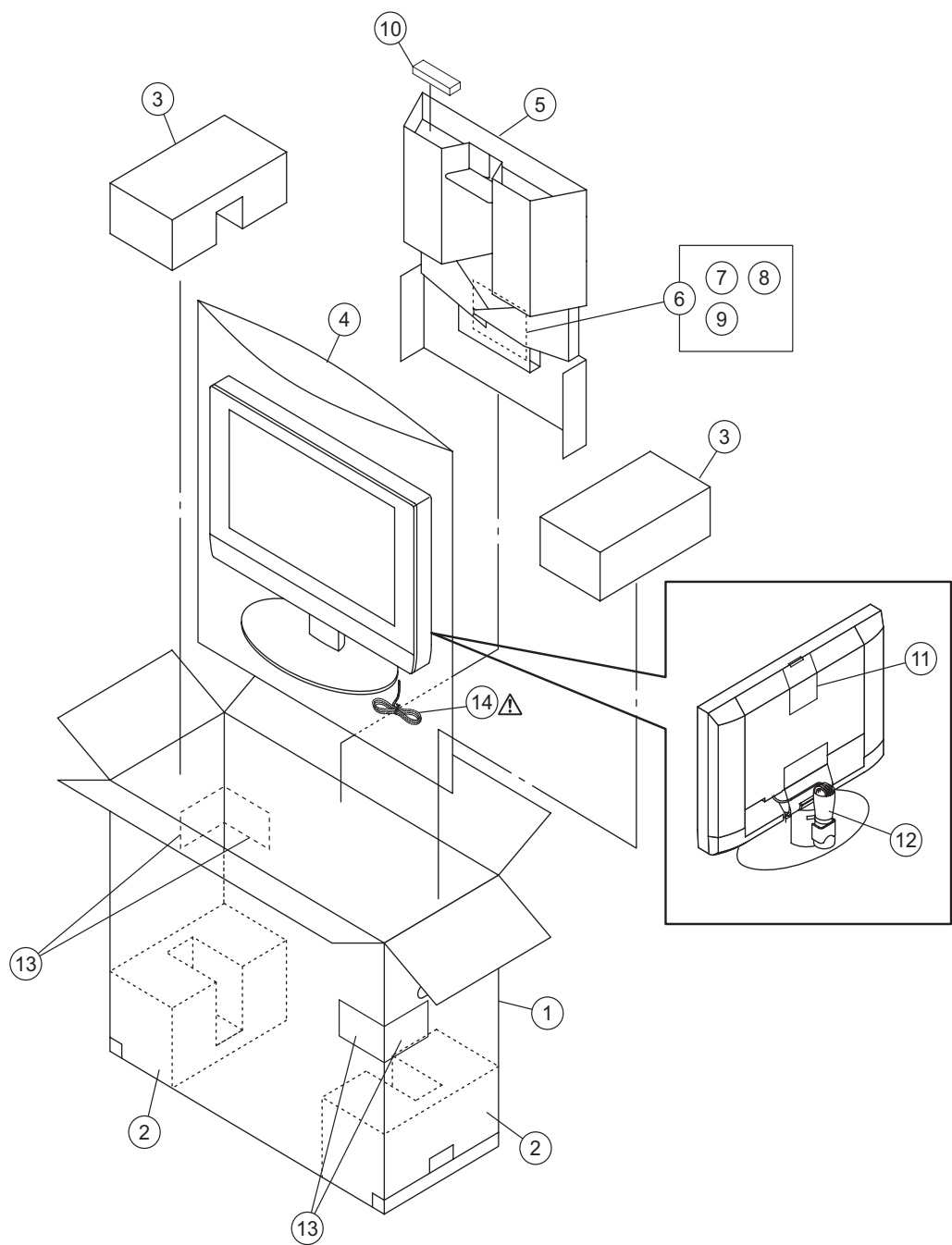
KEY P.W. BOARD ASS'Y (DA-5097663300) (PWB-0994-C)

△Ref No.	Part No.	Part Name	Description Local
C909	DA-E240622191	CAPACITOR	50V 220pF J
C910	DA-E240647091	CAPACITOR	50V 47pF J
C911	DA-E240647091	CAPACITOR	50V 47pF J
C912	DA-E240622191	CAPACITOR	50V 220pF J
R905	DA-E130327106	RESISTOR	1W 270Ω
R906	DA-E130327106	RESISTOR	1W 270Ω
L908	DA-E062132306	CORE FERRITE	MLB-451616-0080
L909	DA-E062132306	CORE FERRITE	MLB-451616-0080
L910	DA-E062132306	CORE FERRITE	MLB-451616-0080
L911	DA-E062132306	CORE FERRITE	MLB-451616-0080
P611	DA-E782511023	CONNECTOR	P=2
P903	DA-E782405004	CONNECTOR	7P
P904	DA-E782511017	CONNECTOR	6P
P905	DA-E782511016	CONNECTOR	4P
S601	DA-E054513025	SWITCH	CH-
S602	DA-E054513025	SWITCH	CH+
S603	DA-E054513025	SWITCH	VOL-
S604	DA-E054513025	SWITCH	VOL+
S605	DA-E054513025	SWITCH	MENU
S606	DA-E054513025	SWITCH	SOURCE
S607	DA-E054513025	SWITCH	POWER

IR P.W. BOARD ASS'Y (DA-5097661700) (PWB-0984-C)

△Ref No.	Part No.	Part Name	Description Local
IR01	DA-F642003904	IC	PHOTO MODULE
D001	DA-F618018175	LED	
C026	DA-E230021691	CAPACITOR	16V 4.7uF Z
R075	DA-E134210009	RESISTOR	1/10W 100Ω F
P005	DA-E782510017	CONNECTOR	P=2
P006	DA-E782510023	CONNECTOR	7P
P007	DA-E782510012	CONNECTOR	4P
P008	DA-E782510016	CONNECTOR	P=2

PACKING



PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-I513710156	PACKING CASE		
	2	DA-I523710256	BOTTOM CUSHION	2pcs in 1set	
	3	DA-I523710156	TOP CUSHION	2pcs in 1set	
	4	DA-I532359156	POLY BAG	For SET	
	5	DA-I513714256	PAPER CUSHION		
	6	DA-I533389756	POLY BAG	For ACCESSORIES	
	7	DA-E030057212	INST BOOK		
	8	-----	BATTERY	AA/R6(x2)	
	9	-----	WARRANTY CARD	DA-E030250108	
	10	DA-E052731125	REMOCON		
	11	DA-E030057213	CAUTION SHEET		
	12	DA-I554100400	POLY BAG		
	13	DA-E030409339	CARTON LABEL	(x4)	
△	14	DA-E056705027	POWER CORD		

[LT-37SH6/A]

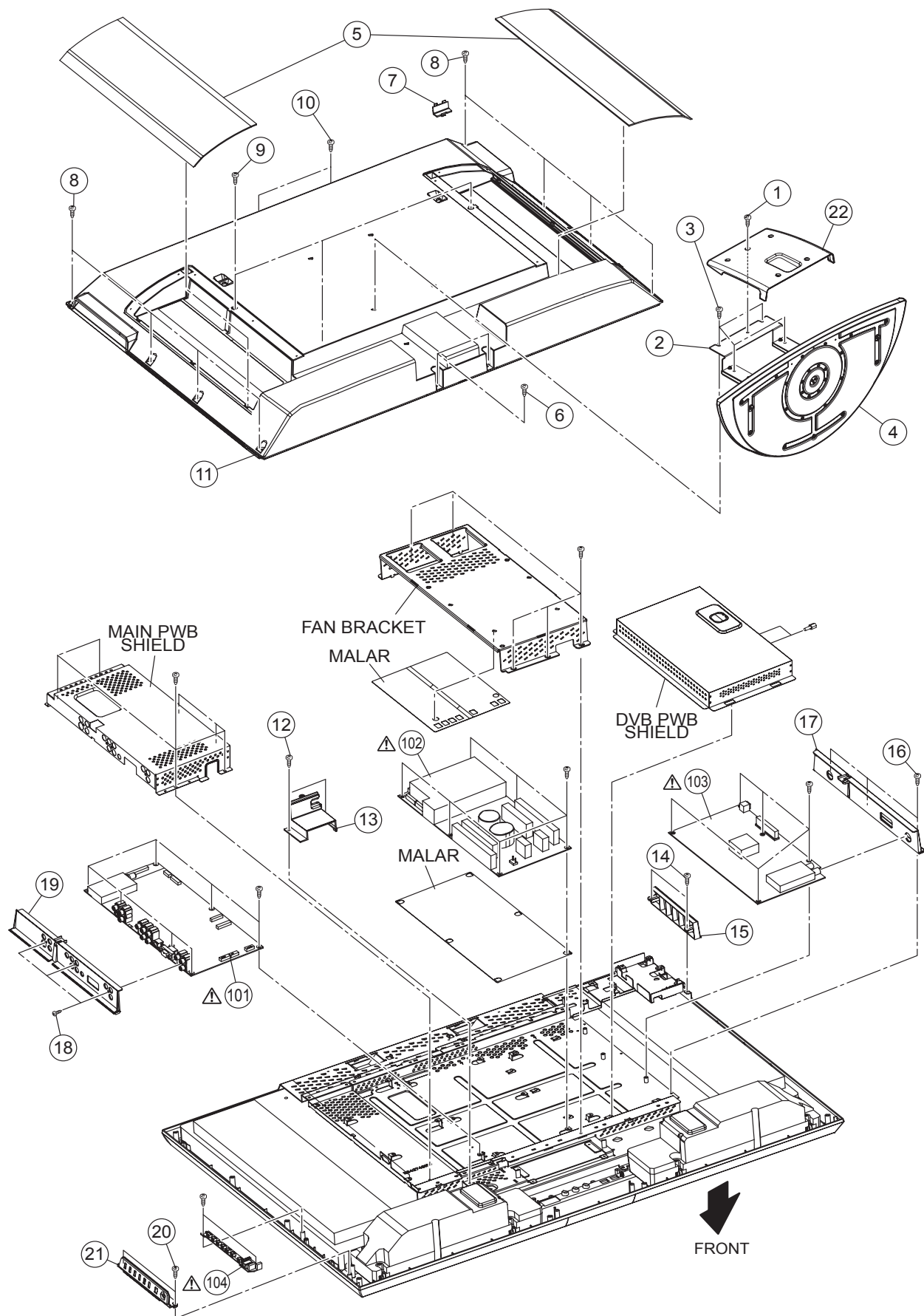
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-37SH6/A
MAIN P.W.B	DA-5097661601 (PWB-0983-C)
KEY P.W.B	DA-5097663301 (PWB-0994-C)
IR P.W.B	DA-5097661701 (PWB-0984-C)
POWER P.W.B	DA-F693006632
DVB P.W.B	DA-E052110029
REMOTE CONTROL UNIT	DA-E052731125

EXPLODED VIEW PARTS LIST -1

△	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-G000311076	SCREW	PPW M3X18	
	2	LC42292-001A-C	SUPPORT UNIT		
	3	DA-G190562514	SCREW	P 5X14+2W(x4)	
	4	LC42289-001A-C	STAND		
	5	LC12199-001C-0K	JACK COVER	(x2)	
	6	DA-G190562514	SCREW	P 5X14+2W(x2)	
	7	LC33214-001B-0K	SD CARD COVER		
	8	DA-G134251986	SCREW	PZP M4X14(x8)	
	9	DA-G000305026	SCREW	BTBW M3X10(x3)	
	10	DA-G000311076	SCREW	PPW M3X18(x2)	
	11	LC12288-002A-0K	REAR COVER		
	12	DA-G136160652	SCREW	PRWS M3X6(x2)	
	13	LC33103-001A-0K	POWER CORD HOLDER		
	14	DA-G136160652	SCREW	PRWS M3X6(x2)	
	15	LC33197-004D-0K	SD CARD BASE		
	16	DA-G000311016	SCREW	PPW M3X8(x3)	
	17	DA-E642326200	TUNER BASE		
	18	DA-G134161186	SCREW	PZP M3X8(x3)	
	19	DA-E642326100	TERMINAL BASE		
	20	DA-G134161182	SCREW	PZP M3X8(x2)	
	21	LC33196-009A-0K	CONTROL ASS'Y		
	22	LC32760-001A-HK	STAND COVER		
△	101	DA-5097661601	MAIN PWB	PWB-0983-C	
△	102	DA-F693006632	POWER PWB		
△	103	DA-E052110029	DVB PWB		
△	104	DA-5097663301	KEY PWB	PWB-0994-C	

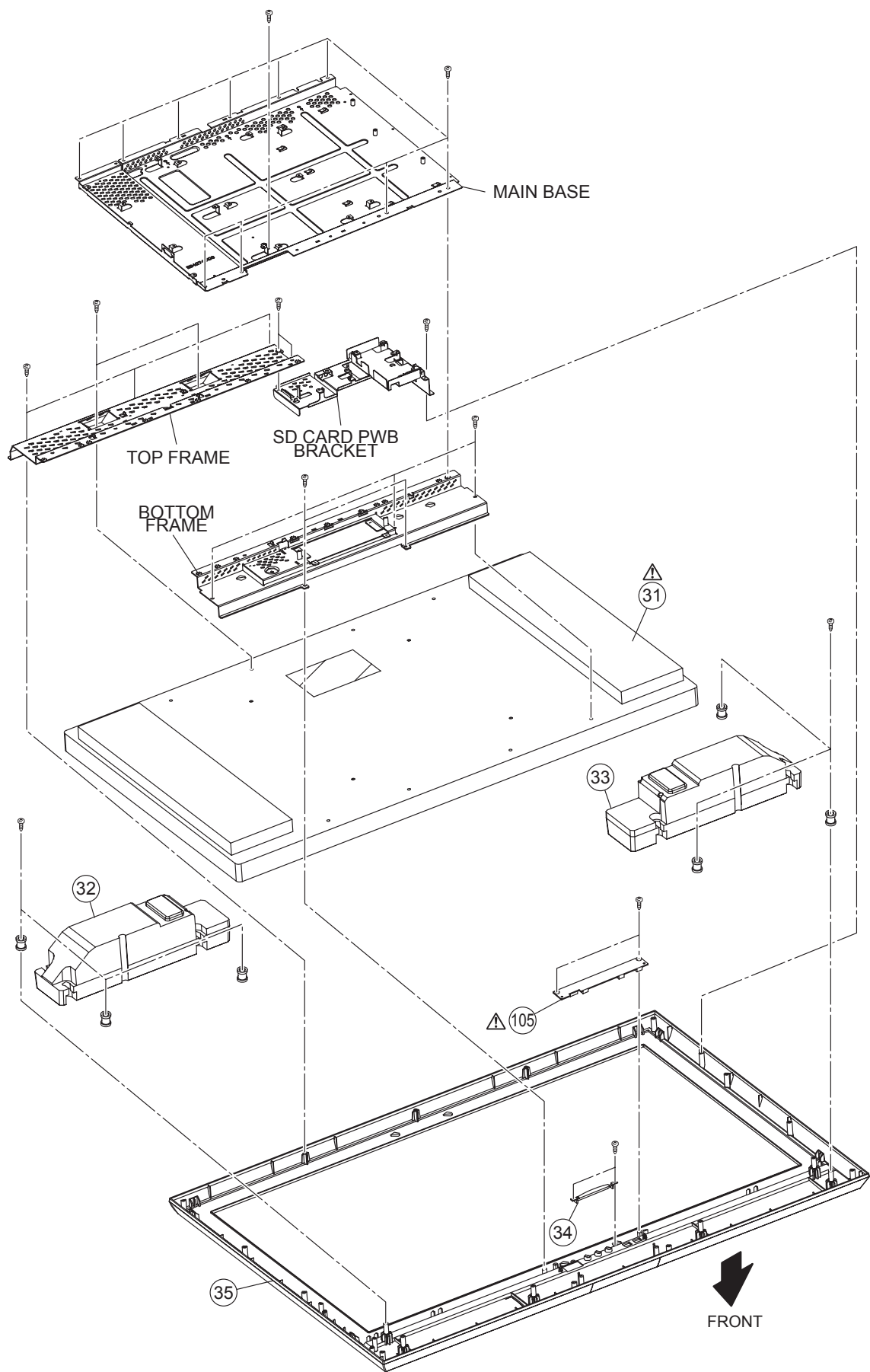
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

△	Ref.No.	Part No.	Part Name	Description	Local
△	31	QLD0375-001	LCD PANEL UNIT		
	32	LC41913-004A-C	SPEAKER		
	33	LC41913-003A-C	SPEAKER		
	34	LC33125-001B-HK	LED LENS		
	35	LC12381-006A-0K	FRONT PANEL ASS'Y		
△	105	DA-5097661701	IR PWB	PWB-0984-C	

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (DA-5097661601) (PWB-0983-C)

△Ref No.	Part No.	Part Name	Description	Local
I001	DA-F640031025	IC	AP1084K(ADJ)LA	
I003	DA-F640031025	IC	AP1084K(ADJ)LA	
I004	DA-F640031014	IC	LT1117S18	
I009	DA-F640010150	IC	AP1117E33LA	
I011	DA-F626020011	IC	2N7002	
I012	DA-F645011952	IC	TDA8931	
I013	DA-F647026154	IC	(SERVICE) W29C040	
I015	DA-F647310702	IC	IS61C256AL-12JLI	
I016	DA-F647073055	IC	BR24L02DA-F-W	
I017	DA-F647005555	IC	BR24L02F-W	
I018	DA-F649002150	IC	MST9883C	
I019	DA-F640010150	IC	AP1117E33LA	
I020	DA-F645011952	IC	TDA8931	
I023	DA-F647026450	IC	CAT24WC64	
I025	DA-F640010150	IC	AP1117E33LA	
I028	DA-F640010159	IC	AP1117DA-E25LA	
I032	DA-F647001641	IC	EM6A9320BI	
I033	DA-F644077051	IC	MSP3410G	
I035	DA-F626090068	IC	AO6800L	
I036	DA-F626090068	IC	AO6800L	
I037	DA-F647003352	IC	SVP-EX52	
Q001	DA-F626002853	TRANSISTOR	AO3401L	
Q002	DA-F622010011	TRANSISTOR	KN3904	
Q003	DA-F622010011	TRANSISTOR	KN3904	
Q005	DA-F622010011	TRANSISTOR	KN3904	
Q006	DA-F623010011	TRANSISTOR	KN3906	
Q007	DA-F623010011	TRANSISTOR	KN3906	
Q008	DA-F623010011	TRANSISTOR	KN3906	
Q010	DA-F623010011	TRANSISTOR	KN3906	
Q012	DA-F622010011	TRANSISTOR	KN3904	
Q013	DA-F622010011	TRANSISTOR	KN3904	
Q014	DA-F623010011	TRANSISTOR	KN3906	
Q015	DA-F622010011	TRANSISTOR	KN3904	
Q016	DA-F622010011	TRANSISTOR	KN3904	
Q752	DA-F622010011	TRANSISTOR	KN3904	
Q753	DA-F622010011	TRANSISTOR	KN3904	
Q754	DA-F622010011	TRANSISTOR	KN3904	
D008	DA-F613020019	DIODE	100V 5A	
D009	DA-F613020019	DIODE	100V 5A	
D011	DA-F613020019	DIODE	100V 5A	
D012	DA-F611020021	DIODE	30V 0.2A	
D013	DA-F611020021	DIODE	30V 0.2A	
D014	DA-F613020019	DIODE	100V 5A	
D015	DA-F611020011	DIODE	30V 0.2A	
D018	DA-F613020019	DIODE	100V 5A	
D027	DA-F613020019	DIODE	100V 5A	
Z001	DA-F615002361	Z DIODE	4.85V	
Z002	DA-F615002361	Z DIODE	4.85V	
Z003	DA-F615002361	Z DIODE	4.85V	
Z004	DA-F615002361	Z DIODE	4.85V	
Z005	DA-F615002361	Z DIODE	4.85V	
Z006	DA-F615002361	Z DIODE	4.85V	
Z007	DA-F615002361	Z DIODE	4.85V	
Z008	DA-F615002361	Z DIODE	4.85V	
Z009	DA-F615002361	Z DIODE	4.85V	
Z010	DA-F615002361	Z DIODE	4.85V	
Z011	DA-F615002361	Z DIODE	4.85V	
Z012	DA-F615002361	Z DIODE	4.85V	
Z013	DA-F615002361	Z DIODE	4.85V	
Z014	DA-F615002361	Z DIODE	4.85V	
Z015	DA-F615002361	Z DIODE	4.85V	
Z016	DA-F615002361	Z DIODE	4.85V	
Z017	DA-F615002361	Z DIODE	4.85V	
Z018	DA-F615002361	Z DIODE	4.85V	
Z019	DA-F615002361	Z DIODE	4.85V	
Z020	DA-F615002361	Z DIODE	4.85V	
Z021	DA-F615002361	Z DIODE	4.85V	
Z022	DA-F615002361	Z DIODE	4.85V	
Z023	DA-F615002361	Z DIODE	4.85V	
Z024	DA-F615002361	Z DIODE	4.85V	
Z025	DA-F615002361	Z DIODE	4.85V	
Z026	DA-F615002361	Z DIODE	4.85V	
Z027	DA-F615002361	Z DIODE	4.85V	
Z028	DA-F615002361	Z DIODE	4.85V	
Z029	DA-F615002361	Z DIODE	4.85V	
Z030	DA-F615002361	Z DIODE	4.85V	
Z031	DA-F615002361	Z DIODE	4.85V	
Z032	DA-F615002361	Z DIODE	4.85V	

△Ref No.	Part No.	Part Name	Description	Local
Z033	DA-F615002361	Z DIODE	4.85V	
Z034	DA-F615002361	Z DIODE	4.85V	
Z035	DA-F615002361	Z DIODE	4.85V	
Z036	DA-F615002361	Z DIODE	4.85V	
Z037	DA-F615002361	Z DIODE	4.85V	
Z038	DA-F615002361	Z DIODE	4.85V	
Z039	DA-F615002361	Z DIODE	4.85V	
Z040	DA-F615002361	Z DIODE	4.85V	
Z041	DA-F615002361	Z DIODE	4.85V	
ZD15	DA-F615010091	Z DIODE	BZT52C3V6 SOD123	
C001	DA-E230615391	CAPACITOR	50V 0.015uF K	
C002	DA-E240622191	CAPACITOR	50V 220pF J	
C003	DA-E240622191	CAPACITOR	50V 220pF J	
C004	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C005	DA-E216032002	CAPACITOR	16V 100uF M	
C006	DA-E280822491	CAPACITOR	50V 0.22uF Z	
C007	DA-E216032002	CAPACITOR	16V 100uF M	
C008	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C009	DA-E216032202	CAPACITOR	25V 1000uF M	
C010	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C011	DA-E275133491	CAPACITOR	63V 0.33uF J	
C012	DA-E216032002	CAPACITOR	16V 100uF M	
C013	DA-E240610191	CAPACITOR	50V 100pF J	
C014	DA-E240610191	CAPACITOR	50V 100pF J	
C015	DA-E240610191	CAPACITOR	50V 100pF J	
C016	DA-E240610191	CAPACITOR	50V 100pF J	
C017	DA-E240610191	CAPACITOR	50V 100pF J	
C019	DA-E230610291	CAPACITOR	50V 1000pF K	
C020	DA-E240610191	CAPACITOR	50V 100pF J	
C021	DA-E230622291	CAPACITOR	50V 220pF J	
C022	DA-E240610191	CAPACITOR	50V 100pF J	
C024	DA-E216032002	CAPACITOR	16V 100uF M	
C025	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C026	DA-E216032002	CAPACITOR	16V 100uF M	
C027	DA-E216032002	CAPACITOR	16V 100uF M	
C028	DA-E230622291	CAPACITOR	50V 2200pF	
C029	DA-E230622291	CAPACITOR	50V 2200pF	
C030	DA-E240610191	CAPACITOR	50V 100pF J	
C031	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C032	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C034	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C036	DA-E240622191	CAPACITOR	50V 220pF J	
C037	DA-E216032002	CAPACITOR	16V 100uF M	
C039	DA-E275133491	CAPACITOR	63V 0.33uF J	
C041	DA-E216032202	CAPACITOR	25V 1000uF M	
C042	DA-E280822491	CAPACITOR	50V 0.22uF Z	
C043	DA-E230615391	CAPACITOR	50V 0.015uF K	
C044	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C045	DA-E216032002	CAPACITOR	16V 100uF M	
C046	DA-E230622291	CAPACITOR	50V 2200pF	
C047	DA-E230610291	CAPACITOR	50V 1000pF K	
C049	DA-E240622191	CAPACITOR	50V 220pF J	
C050	DA-E280822491	CAPACITOR	50V 0.22uF Z	
C052	DA-E230002791	CAPACITOR	16V 0.47uF Z	
C053	DA-E216032002	CAPACITOR	16V 100uF M	
C054	DA-E216032002	CAPACITOR	16V 100uF M	
C055	DA-E216032102	CAPACITOR	25V 220uF M	
C056	DA-E230647391	CAPACITOR	50V 0.047uF K	
C057	DA-E230647391	CAPACITOR	50V 0.047uF K	
C058	DA-E230682391	CAPACITOR	50V 0.082uF K	
C059	DA-E240610191	CAPACITOR	50V 100pF J	
C060	DA-E216032102	CAPACITOR	25V 220uF M	
C061	DA-E216031902	CAPACITOR	35V 22uF M	
C062	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C064	DA-E240647091	CAPACITOR	50V 47pF J	
C065	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C066	DA-E230610291	CAPACITOR	50V 1000pF K	
C067	DA-E230610291	CAPACITOR	50V 1000pF K	
C068	DA-E230682291	CAPACITOR	50V 8200pF K	
C069	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C070	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C071	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C072	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C073	DA-E280822491	CAPACITOR	50V 0.22uF Z	
C075	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C077	DA-E230647391	CAPACITOR	50V 0.047uF K	
C078	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C082	DA-E230610291	CAPACITOR	50V 1000pF K	
C085	DA-E230647391	CAPACITOR	50V 0.047uF K	
C086	DA-E230610291	CAPACITOR	50V 1000pF K	
C089	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C090	DA-E230003391	CAPACITOR	25V 0.1uF Z	
C092	DA-E230003391	CAPACITOR	25V 0.1uF Z	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C094	DA-E230003391	CAPACITOR	25V 0.1uF Z	C234	DA-E134600009	RESISTOR	1/10W 0Ω J
C095	DA-E230647391	CAPACITOR	50V 0.047uF K	C235	DA-E134600009	RESISTOR	1/10W 0Ω J
C097	DA-E230003391	CAPACITOR	25V 0.1uF Z	C236	DA-E134600009	RESISTOR	1/10W 0Ω J
C098	DA-E230610291	CAPACITOR	50V 1000pF K	C237	DA-E134600009	RESISTOR	1/10W 0Ω J
C099	DA-E216032002	CAPACITOR	16V 100uF M	C238	DA-E230003391	CAPACITOR	25V 0.1uF Z
C100	DA-E230610291	CAPACITOR	50V 1000pF K	C239	DA-E216031902	CAPACITOR	35V 22uF M
C101	DA-E230003391	CAPACITOR	25V 0.1uF Z	C240	DA-E216032102	CAPACITOR	25V 220uF M
C102	DA-E230003391	CAPACITOR	25V 0.1uF Z	C241	DA-E230003391	CAPACITOR	25V 0.1uF Z
C103	DA-E230003391	CAPACITOR	25V 0.1uF Z	C242	DA-E216031902	CAPACITOR	35V 22uF M
C104	DA-E230003391	CAPACITOR	25V 0.1uF Z	C243	DA-E230003391	CAPACITOR	25V 0.1uF Z
C105	DA-E240615091	CAPACITOR	50V 15pF J	C244	DA-E230003391	CAPACITOR	25V 0.1uF Z
C106	DA-E230003391	CAPACITOR	25V 0.1uF Z	C245	DA-E280822491	CAPACITOR	50V 0.22uF Z
C107	DA-E216031902	CAPACITOR	35V 22uF M	C249	DA-E230003391	CAPACITOR	25V 0.1uF Z
C109	DA-E216032102	CAPACITOR	25V 220uF M	C250	DA-E230003391	CAPACITOR	25V 0.1uF Z
C110	DA-E216032002	CAPACITOR	16V 100uF M	C252	DA-E230003391	CAPACITOR	25V 0.1uF Z
C111	DA-E216032102	CAPACITOR	25V 220uF M	C254	DA-E230003391	CAPACITOR	25V 0.1uF Z
C112	DA-E216031902	CAPACITOR	35V 22uF M	C255	DA-E230003391	CAPACITOR	25V 0.1uF Z
C113	DA-E230003391	CAPACITOR	25V 0.1uF Z	C257	DA-E230003391	CAPACITOR	25V 0.1uF Z
C114	DA-E240610091	CAPACITOR	50V 10pF J	C259	DA-E230003391	CAPACITOR	25V 0.1uF Z
C115	DA-E230003391	CAPACITOR	25V 0.1uF Z	C261	DA-E230810491	CAPACITOR	50V 0.1uF K
C116	DA-E214028502	CAPACITOR	50V 2.2uF M	C262	DA-E230003391	CAPACITOR	25V 0.1uF Z
C117	DA-E214028502	CAPACITOR	50V 2.2uF M	C263	DA-E280822491	CAPACITOR	50V 0.22uF Z
C118	DA-E216029002	CAPACITOR	35V 470uF M	C264	DA-E230003391	CAPACITOR	25V 0.1uF Z
C119	DA-E216032002	CAPACITOR	16V 100uF M	C265	DA-E230003391	CAPACITOR	25V 0.1uF Z
C120	DA-E230003391	CAPACITOR	25V 0.1uF Z	C266	DA-E230810491	CAPACITOR	50V 0.1uF K
C121	DA-E216032102	CAPACITOR	25V 220uF M	C269	DA-E230003391	CAPACITOR	25V 0.1uF Z
C123	DA-E240647091	CAPACITOR	50V 47pF J	C271	DA-E230003391	CAPACITOR	25V 0.1uF Z
C125	DA-E240610091	CAPACITOR	50V 10pF J	C274	DA-E230003391	CAPACITOR	25V 0.1uF Z
C126	DA-E230003391	CAPACITOR	25V 0.1uF Z	C276	DA-E240668091	CAPACITOR	50V 68pF J
C127	DA-E216032002	CAPACITOR	16V 100uF M	C277	DA-E230003391	CAPACITOR	25V 0.1uF Z
C128	DA-E230016791	CAPACITOR	10V 10uF Z	C278	DA-E230003391	CAPACITOR	25V 0.1uF Z
C129	DA-E240647091	CAPACITOR	50V 47pF J	C279	DA-E230003391	CAPACITOR	25V 0.1uF Z
C130	DA-E230016791	CAPACITOR	10V 10uF Z	C280	DA-E230016791	CAPACITOR	10V 10uF Z
C133	DA-E216031902	CAPACITOR	35V 22uF M	C281	DA-E230016791	CAPACITOR	10V 10uF Z
C140	DA-E240615091	CAPACITOR	50V 15pF J	C282	DA-E230810491	CAPACITOR	50V 0.1uF K
C141	DA-E240615091	CAPACITOR	50V 15pF J	C284	DA-E230003391	CAPACITOR	25V 0.1uF Z
C142	DA-E230610291	CAPACITOR	50V 1000pF K	C285	DA-E240668091	CAPACITOR	50V 68pF J
C145	DA-E230003391	CAPACITOR	25V 0.1uF Z	C286	DA-E240633091	CAPACITOR	50V 33pF
C149	DA-E230021691	CAPACITOR	16V 4.7uF Z	C288	DA-E216032002	CAPACITOR	16V 100uF M
C150	DA-E230003391	CAPACITOR	25V 0.1uF Z	C289	DA-E230003391	CAPACITOR	25V 0.1uF Z
C151	DA-E230003391	CAPACITOR	25V 0.1uF Z	C294	DA-E230610391	CAPACITOR	50V 0.01uF K
C152	DA-E230003391	CAPACITOR	25V 0.1uF Z	C296	DA-E240633091	CAPACITOR	50V 33pF
C159	DA-E230016791	CAPACITOR	10V 10uF Z	C297	DA-E230003391	CAPACITOR	25V 0.1uF Z
C162	DA-E216032002	CAPACITOR	16V 100uF M	C299	DA-E230003391	CAPACITOR	25V 0.1uF Z
C163	DA-E216032002	CAPACITOR	16V 100uF M	C301	DA-E230003391	CAPACITOR	25V 0.1uF Z
C164	DA-E230610291	CAPACITOR	50V 1000pF K	C303	DA-E230003391	CAPACITOR	25V 0.1uF Z
C166	DA-E230610291	CAPACITOR	50V 1000pF K	C304	DA-E230003391	CAPACITOR	25V 0.1uF Z
C167	DA-E230016791	CAPACITOR	10V 10uF Z	C305	DA-E230003391	CAPACITOR	25V 0.1uF Z
C171	DA-E216031902	CAPACITOR	35V 22uF M	C307	DA-E230003391	CAPACITOR	25V 0.1uF Z
C175	DA-E230003391	CAPACITOR	25V 0.1uF Z	C308	DA-E216031902	CAPACITOR	35V 22uF M
C180	DA-E230003391	CAPACITOR	25V 0.1uF Z	C309	DA-E230003391	CAPACITOR	25V 0.1uF Z
C183	DA-E240610191	CAPACITOR	50V 100pF J	C311	DA-E230003391	CAPACITOR	25V 0.1uF Z
C184	DA-E216031902	CAPACITOR	35V 22uF M	C312	DA-E230003391	CAPACITOR	25V 0.1uF Z
C188	DA-E230610291	CAPACITOR	50V 1000pF K	C313	DA-E230003391	CAPACITOR	25V 0.1uF Z
C190	DA-E240647191	CAPACITOR	50V 470pF J	C314	DA-E230003391	CAPACITOR	25V 0.1uF Z
C196	DA-E240633991	CAPACITOR	50V 3.3pF C	C318	DA-E230003391	CAPACITOR	25V 0.1uF Z
C200	DA-E216031902	CAPACITOR	35V 22uF M	C319	DA-E230003391	CAPACITOR	25V 0.1uF Z
C201	DA-E240633991	CAPACITOR	50V 3.3pF C	C320	DA-E216031902	CAPACITOR	35V 22uF M
C202	DA-E216031902	CAPACITOR	35V 22uF M	C328	DA-E230003391	CAPACITOR	25V 0.1uF Z
C203	DA-E240656091	CAPACITOR	50V 56pF J	C329	DA-E230003391	CAPACITOR	25V 0.1uF Z
C204	DA-E216031902	CAPACITOR	35V 22uF M	C332	DA-E230003391	CAPACITOR	25V 0.1uF Z
C205	DA-E230003391	CAPACITOR	25V 0.1uF Z	C334	DA-E230003391	CAPACITOR	25V 0.1uF Z
C206	DA-E230003391	CAPACITOR	25V 0.1uF Z	C335	DA-E230003391	CAPACITOR	25V 0.1uF Z
C207	DA-E230003391	CAPACITOR	25V 0.1uF Z	C336	DA-E230003391	CAPACITOR	25V 0.1uF Z
C209	DA-E230003391	CAPACITOR	25V 0.1uF Z	C337	DA-E230003391	CAPACITOR	25V 0.1uF Z
C210	DA-E230003391	CAPACITOR	25V 0.1uF Z	C338	DA-E230003391	CAPACITOR	25V 0.1uF Z
C211	DA-E230003391	CAPACITOR	25V 0.1uF Z	C339	DA-E230003391	CAPACITOR	25V 0.1uF Z
C212	DA-E230003391	CAPACITOR	25V 0.1uF Z	C340	DA-E230003391	CAPACITOR	25V 0.1uF Z
C213	DA-E240656091	CAPACITOR	50V 56pF J	C341	DA-E216031902	CAPACITOR	35V 22uF M
C214	DA-E230003391	CAPACITOR	25V 0.1uF Z	C342	DA-E216031902	CAPACITOR	35V 22uF M
C215	DA-E230003391	CAPACITOR	25V 0.1uF Z	C343	DA-E230003391	CAPACITOR	25V 0.1uF Z
C216	DA-E230003391	CAPACITOR	25V 0.1uF Z	C345	DA-E230003391	CAPACITOR	25V 0.1uF Z
C217	DA-E230003391	CAPACITOR	25V 0.1uF Z	C346	DA-E230627291	CAPACITOR	50V 2700pF
C218	DA-E230610291	CAPACITOR	50V 1000pF K	C353	DA-E230003391	CAPACITOR	25V 0.1uF Z
C219	DA-E230003391	CAPACITOR	25V 0.1uF Z	C354	DA-E216031902	CAPACITOR	35V 22uF M
C220	DA-E230610291	CAPACITOR	50V 1000pF K	C356	DA-E216031902	CAPACITOR	35V 22uF M
C221	DA-E216031902	CAPACITOR	35V 22uF M	C357	DA-E230003391	CAPACITOR	25V 0.1uF Z
C222	DA-E250810591	CAPACITOR	25V 1uF Z	C364	DA-E230627291	CAPACITOR	50V 2700pF
C223	DA-E230003391	CAPACITOR	25V 0.1uF Z	C377	DA-E216031902	CAPACITOR	35V 22uF M
C224	DA-E230003391	CAPACITOR	25V 0.1uF Z	C378	DA-E230003391	CAPACITOR	25V 0.1uF Z
C225	DA-E230003391	CAPACITOR	25V 0.1uF Z	C380	DA-E230003391	CAPACITOR	25V 0.1uF Z
C226	DA-E216031902	CAPACITOR	35V 22uF M	C381	DA-E216031902	CAPACITOR	35V 22uF M
C227	DA-E230003391	CAPACITOR	25V 0.1uF Z	C396	DA-E216031902	CAPACITOR	35V 22uF M
C228	DA-E134600009	RESISTOR	1/10W 0Ω J	C397	DA-E230003391	CAPACITOR	25V 0.1uF Z
C229	DA-E134600009	RESISTOR	1/10W 0Ω J	C428	DA-E230003391	CAPACITOR	25V 0.1uF Z
C231	DA-E230003391	CAPACITOR	25V 0.1uF Z	C429	DA-E230003391	CAPACITOR	25V 0.1uF Z
C233	DA-E250810591	CAPACITOR	25V 1uF Z	C444	DA-E230003391	CAPACITOR	25V 0.1uF Z

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C445	DA-E216032002	CAPACITOR	16V 100uF M	R062	DA-E134210009	RESISTOR	1/10W 100Ω F
C446	DA-E230647291	CAPACITOR	50V 4700pF K	R063	DA-E134600009	RESISTOR	1/10W 0Ω J
C447	DA-E230610391	CAPACITOR	50V 0.01uF K	R064	DA-E134600009	RESISTOR	1/10W 0Ω J
C448	DA-E230610391	CAPACITOR	50V 0.01uF K	R065	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C449	DA-E230610391	CAPACITOR	50V 0.01uF K	R066	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C450	DA-E230003391	CAPACITOR	25V 0.1uF Z	R067	DA-E134600009	RESISTOR	1/10W 0Ω J
C451	DA-E230610391	CAPACITOR	50V 0.01uF K	R068	DA-E134600009	RESISTOR	1/10W 0Ω J
C452	DA-E230003391	CAPACITOR	25V 0.1uF Z	R069	DA-E134610309	RESISTOR	1/10W 10kΩ J
C453	DA-E216031902	CAPACITOR	35V 22uF M	R070	DA-E134610309	RESISTOR	1/10W 10kΩ J
C454	DA-E216032002	CAPACITOR	16V 100uF M	R071	DA-E134210009	RESISTOR	1/10W 100Ω F
C455	DA-E230610391	CAPACITOR	50V 0.01uF K	R072	DA-E134275099	RESISTOR	1/10W 75Ω F
C456	DA-E230003391	CAPACITOR	25V 0.1uF Z	R073	DA-E134600009	RESISTOR	1/10W 0Ω J
C457	DA-E230003391	CAPACITOR	25V 0.1uF Z	R074	DA-E134600009	RESISTOR	1/10W 0Ω J
C458	DA-E230647291	CAPACITOR	50V 4700pF K	R075	DA-E134600009	RESISTOR	1/10W 0Ω J
C459	DA-E230610391	CAPACITOR	50V 0.01uF K	R076	DA-E134275099	RESISTOR	1/10W 75Ω F
C460	DA-E230610391	CAPACITOR	50V 0.01uF K	R078	DA-E134210009	RESISTOR	1/10W 100Ω F
C461	DA-E230003391	CAPACITOR	25V 0.1uF Z	R079	DA-E134275099	RESISTOR	1/10W 75Ω F
C601	DA-E230016791	CAPACITOR	10V 10uF Z	R081	DA-E134622009	RESISTOR	1/10W 22Ω J
C602	DA-E230016791	CAPACITOR	10V 10uF Z	R082	DA-E134622009	RESISTOR	1/10W 22Ω J
C605	DA-E230016791	CAPACITOR	10V 10uF Z	R085	DA-E134600009	RESISTOR	1/10W 0Ω J
C606	DA-E230016791	CAPACITOR	10V 10uF Z	R087	DA-E134600009	RESISTOR	1/10W 0Ω J
C609	DA-E230016791	CAPACITOR	10V 10uF Z	R088	DA-E134275099	RESISTOR	1/10W 75Ω F
C611	DA-E230016791	CAPACITOR	10V 10uF Z	R089	DA-E134600009	RESISTOR	1/10W 0Ω J
C612	DA-E230016791	CAPACITOR	10V 10uF Z	R090	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C615	DA-E216032002	CAPACITOR	16V 100uF M	R091	DA-E134610309	RESISTOR	1/10W 10kΩ J
C616	DA-E230003391	CAPACITOR	25V 0.1uF Z	R092	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C622	DA-E230016791	CAPACITOR	10V 10uF Z	R093	DA-E134610309	RESISTOR	1/10W 10kΩ J
C627	DA-E230016791	CAPACITOR	10V 10uF Z	R094	DA-E134610309	RESISTOR	1/10W 10kΩ J
C628	DA-E216032002	CAPACITOR	16V 100uF M	R095	DA-E134610309	RESISTOR	1/10W 10kΩ J
C629	DA-E216032002	CAPACITOR	16V 100uF M	R096	DA-E134210009	RESISTOR	1/10W 100Ω F
C630	DA-E230003391	CAPACITOR	25V 0.1uF Z	R097	DA-E134275099	RESISTOR	1/10W 75Ω F
C634	DA-E230016791	CAPACITOR	10V 10uF Z	R098	DA-E134610309	RESISTOR	1/10W 10kΩ J
C640	DA-E216029002	CAPACITOR	35V 470uF M	R099	DA-E134610309	RESISTOR	1/10W 10kΩ J
C719	DA-E216031902	CAPACITOR	35V 22uF M	R100	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
C720	DA-E216031902	CAPACITOR	35V 22uF M	R102	DA-E134210009	RESISTOR	1/10W 100Ω F
C752	DA-E216032002	CAPACITOR	16V 100uF M	R104	DA-E134210009	RESISTOR	1/10W 100Ω F
C753	DA-E216032002	CAPACITOR	16V 100uF M	R105	DA-E134610309	RESISTOR	1/10W 10kΩ J
C754	DA-E216032002	CAPACITOR	16V 100uF M	R106	DA-E134275099	RESISTOR	1/10W 75Ω F
				R107	DA-E134275099	RESISTOR	1/10W 75Ω F
R001	DA-E138110099	RESISTOR	1/8W 10Ω F	R108	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R002	DA-E138110099	RESISTOR	1/8W 10Ω F	R113	DA-E134600009	RESISTOR	1/10W 0Ω J
R005	DA-E134639109	RESISTOR	1/10W 390Ω J	R114	DA-E134610309	RESISTOR	1/10W 10kΩ J
R006	DA-E134624109	RESISTOR	1/10W 240Ω J	R115	DA-E134610309	RESISTOR	1/10W 10kΩ J
R010	DA-E134610209	RESISTOR	1/10W 1kΩ J	R116	DA-E134610309	RESISTOR	1/10W 10kΩ J
R012	DA-E134610309	RESISTOR	1/10W 10kΩ J	R118	DA-E134210009	RESISTOR	1/10W 100Ω F
R013	DA-E134610209	RESISTOR	1/10W 1kΩ J	R119	DA-E134610309	RESISTOR	1/10W 10kΩ J
R014	DA-E134610309	RESISTOR	1/10W 10kΩ J	R120	DA-E134275099	RESISTOR	1/10W 75Ω F
R015	DA-E134247029	RESISTOR	1/10W 47kΩ F	R121	DA-E134275099	RESISTOR	1/10W 75Ω F
R016	DA-E134247029	RESISTOR	1/10W 47kΩ F	R122	DA-E134610209	RESISTOR	1/10W 1kΩ J
R017	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R123	DA-E134610309	RESISTOR	1/10W 10kΩ J
R018	DA-E134615209	RESISTOR	1/10W 1.5kΩ J	R124	DA-E134610309	RESISTOR	1/10W 10kΩ J
R019	DA-E134610209	RESISTOR	1/10W 1kΩ J	R127	DA-E134600009	RESISTOR	1/10W 0Ω J
R020	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R130	DA-E134600009	RESISTOR	1/10W 0Ω J
R021	DA-E134622209	RESISTOR	1/10W 2.2kΩ J	R129	DA-E134600009	RESISTOR	1/10W 0Ω J
R022	DA-E134633309	RESISTOR	1/10W 33kΩ J	R131	DA-E134600009	RESISTOR	1/10W 0Ω J
R024	DA-E138110099	RESISTOR	1/8W 10Ω F	R132	DA-E134600009	RESISTOR	1/10W 0Ω J
R025	DA-E134247029	RESISTOR	1/10W 47kΩ F	R135	DA-E134610309	RESISTOR	1/10W 10kΩ J
R026	DA-E134624309	RESISTOR	1/10W 24kΩ J	R136	DA-E134610309	RESISTOR	1/10W 10kΩ J
R028	DA-E134624309	RESISTOR	1/10W 24kΩ J	R137	DA-E134610209	RESISTOR	1/10W 1kΩ J
R029	DA-E134656109	RESISTOR	1/10W 560Ω J	R138	DA-E134615309	RESISTOR	1/10W 15kΩ J
R030	DA-E134633009	RESISTOR	1/10W 33Ω J	R140	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R031	DA-E134600009	RESISTOR	1/10W 0Ω J	R141	DA-E134600009	RESISTOR	1/10W 0Ω J
R032	DA-E134633009	RESISTOR	1/10W 33Ω J	R142	DA-E134612309	RESISTOR	1/10W 100Ω
R034	DA-E134610509	RESISTOR	1/10W 1MΩ J	R143	DA-E134210009	RESISTOR	1/10W 100Ω F
R035	DA-E134633009	RESISTOR	1/10W 33Ω J	R144	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R036	DA-E134639109	RESISTOR	1/10W 390Ω J	R145	DA-E134247029	RESISTOR	1/10W 47kΩ F
R038	DA-E134600009	RESISTOR	1/10W 0Ω J	R147	DA-E134210009	RESISTOR	1/10W 100Ω F
R039	DA-E134600009	RESISTOR	1/10W 0Ω J	R149	DA-E134639209	RESISTOR	1/10W 3.9kΩ J
R041	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R151	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R042	DA-E134600009	RESISTOR	1/10W 0Ω J	R154	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R043	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R155	DA-E134610209	RESISTOR	1/10W 1kΩ J
R044	DA-E134600009	RESISTOR	1/10W 0Ω J	R156	DA-E137222099	RESISTOR	1/8W 22Ω F
R045	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R157	DA-E134624209	RESISTOR	1/10W 2.4kΩ J
R046	DA-E134633009	RESISTOR	1/10W 33Ω J	R158	DA-E134612309	RESISTOR	1/10W 100Ω
R048	DA-E134610309	RESISTOR	1/10W 10kΩ J	R159	DA-E134247029	RESISTOR	1/10W 47kΩ F
R049	DA-E134622209	RESISTOR	1/10W 2.2kΩ J	R160	DA-E134247029	RESISTOR	1/10W 47kΩ F
R050	DA-E134647009	RESISTOR	1/10W 47Ω J	R161	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R051	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R162	DA-E134610209	RESISTOR	1/10W 1kΩ J
R052	DA-E134647209	RESISTOR	1/10W 4.7kΩ J	R163	DA-E134610309	RESISTOR	1/10W 10kΩ J
R054	DA-E134610209	RESISTOR	1/10W 1kΩ J	R166	DA-E130547103	RESISTOR	3W 470Ω J
R055	DA-E134630109	RESISTOR	1/10W 300Ω J	R167	DA-E134610309	RESISTOR	1/10W 10kΩ J
R056	DA-E134630109	RESISTOR	1/10W 300Ω J	R171	DA-E134610409	RESISTOR	1/10W 100kΩ J
R057	DA-E134627209	RESISTOR	1/10W 2.7kΩ J	R172	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R058	DA-E134610209	RESISTOR	1/10W 1kΩ J	R174	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R059	DA-E134647009	RESISTOR	1/10W 47Ω J	R176	DA-E134600009	RESISTOR	1/10W 0Ω J
R060	DA-E134622209	RESISTOR	1/10W 2.2kΩ J	R177	DA-E134610409	RESISTOR	1/10W 100kΩ J
R061	DA-E134210009	RESISTOR	1/10W 100Ω F	R179	DA-E134610409	RESISTOR	1/10W 100kΩ J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R189	DA-E134612209	RESISTOR	1/10W 1.2kΩ J	R393	DA-E134600009	RESISTOR	1/10W 0Ω J
R190	DA-E134622109	RESISTOR	1/10W 220Ω J	R403	DA-E134600009	RESISTOR	1/10W 0Ω J
R206	DA-E134610309	RESISTOR	1/10W 10kΩ J	R404	DA-E134600009	RESISTOR	1/10W 0Ω J
R210	DA-E134275099	RESISTOR	1/10W 75Ω F	R405	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R215	DA-E134275099	RESISTOR	1/10W 75Ω F	R406	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R220	DA-E134610309	RESISTOR	1/10W 10kΩ J	R409	DA-E134600009	RESISTOR	1/10W 0Ω J
R223	DA-E134600009	RESISTOR	1/10W 0Ω J	R411	DA-E134600009	RESISTOR	1/10W 0Ω J
R224	DA-E134600009	RESISTOR	1/10W 0Ω J	R412	DA-E134600009	RESISTOR	1/10W 0Ω J
R225	DA-E134615309	RESISTOR	1/10W 15kΩ J	R416	DA-E134610209	RESISTOR	1/10W 1kΩ J
R226	DA-E134600009	RESISTOR	1/10W 0Ω J	R417	DA-E134610209	RESISTOR	1/10W 1kΩ J
R227	DA-E134615309	RESISTOR	1/10W 15kΩ J	R418	DA-E134610209	RESISTOR	1/10W 1kΩ J
R228	DA-E134600009	RESISTOR	1/10W 0Ω J	R419	DA-E134610209	RESISTOR	1/10W 1kΩ J
R229	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R420	DA-E134610209	RESISTOR	1/10W 1kΩ J
R230	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R421	DA-E134610209	RESISTOR	1/10W 1kΩ J
R231	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R430	DA-E134610209	RESISTOR	1/10W 1kΩ J
R232	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R433	DA-E134600009	RESISTOR	1/10W 0Ω J
R233	DA-E134600009	RESISTOR	1/10W 0Ω J	R434	DA-E134600009	RESISTOR	1/10W 0Ω J
R234	DA-E134610309	RESISTOR	1/10W 10kΩ J	R601	DA-E134275099	RESISTOR	1/10W 75Ω F
R237	DA-E134615009	RESISTOR	1/10W 15Ω J	R603	DA-E134600009	RESISTOR	1/10W 0Ω J
R238	DA-E134668009	RESISTOR	1/10W 68Ω J	R604	DA-E134275099	RESISTOR	1/10W 75Ω F
R239	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R605	DA-E134275099	RESISTOR	1/10W 75Ω F
R240	DA-E134668009	RESISTOR	1/10W 68Ω J	R607	DA-E134275099	RESISTOR	1/10W 75Ω F
R241	DA-E134610209	RESISTOR	1/10W 1kΩ J	R612	DA-E134275099	RESISTOR	1/10W 75Ω F
R243	DA-E134624209	RESISTOR	1/10W 2.4kΩ J	R613	DA-E134275099	RESISTOR	1/10W 75Ω F
R256	DA-E134622009	RESISTOR	1/10W 22Ω J	R617	DA-E134275099	RESISTOR	1/10W 75Ω F
R257	DA-E134656209	RESISTOR	1/10W 5.6kΩ J	R619	DA-E134600009	RESISTOR	1/10W 0Ω J
R258	DA-E134647109	RESISTOR	1/10W 470Ω J	R620	DA-E134600009	RESISTOR	1/10W 0Ω J
R260	DA-E134210009	RESISTOR	1/10W 100Ω F	R758	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R261	DA-E134210009	RESISTOR	1/10W 100Ω F	R759	DA-E134610409	RESISTOR	1/10W 100kΩ J
R268	DA-E134600009	RESISTOR	1/10W 0Ω J	R760	DA-E134647209	RESISTOR	1/10W 4.7kΩ J
R275	DA-E134610309	RESISTOR	1/10W 10kΩ J	R761	DA-E134275099	RESISTOR	1/10W 75Ω F
R280	DA-E134600009	RESISTOR	1/10W 0Ω J	R762	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R281	DA-E134600009	RESISTOR	1/10W 0Ω J	R763	DA-E134275099	RESISTOR	1/10W 75Ω F
R282	DA-E134210009	RESISTOR	1/10W 100Ω F	R764	DA-E134610409	RESISTOR	1/10W 100kΩ J
R283	DA-E134210009	RESISTOR	1/10W 100Ω F	R765	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R284	DA-E134600009	RESISTOR	1/10W 0Ω J	R766	DA-E134275099	RESISTOR	1/10W 75Ω F
R285	DA-E134600009	RESISTOR	1/10W 0Ω J	R767	DA-E134610409	RESISTOR	1/10W 100kΩ J
R286	DA-E134600009	RESISTOR	1/10W 0Ω J	R768	DA-E134610409	RESISTOR	1/10W 100kΩ J
R287	DA-E134600009	RESISTOR	1/10W 0Ω J	R769	DA-E134622209	RESISTOR	1/10W 2.2kΩ J
R288	DA-E134600009	RESISTOR	1/10W 0Ω J	R770	DA-E134610409	REGISTOR	1/10W 100kΩ J
R289	DA-E134600009	RESISTOR	1/10W 0Ω J	R771	DA-E134610409	REGISTOR	1/10W 100kΩ J
R290	DA-E134600009	RESISTOR	1/10W 0Ω J	RP01	DA-E160310101	NET RESISTOR	33.0Ω J X4
R291	DA-E134275099	RESISTOR	1/10W 75Ω F	RP03	DA-E160310138	NET RESISTOR	15.0Ω J X4
R292	DA-E134600009	RESISTOR	1/10W 0Ω J	RP04	DA-E160310101	NET RESISTOR	33.0Ω J X4
R293	DA-E134610309	RESISTOR	1/10W 10kΩ J	RP06	DA-E160310138	NET RESISTOR	15.0Ω J X4
R294	DA-E134210009	RESISTOR	1/10W 100Ω F	RP07	DA-E160310138	NET RESISTOR	15.0Ω J X4
R295	DA-E134275099	RESISTOR	1/10W 75Ω F	RP08	DA-E160310138	NET RESISTOR	15.0Ω J X4
R297	DA-E134275099	RESISTOR	1/10W 75Ω F	RP09	DA-E160310138	NET RESISTOR	15.0Ω J X4
R298	DA-E134600009	RESISTOR	1/10W 0Ω J	RP10	DA-E160310138	NET RESISTOR	15.0Ω J X4
R299	DA-E134600009	RESISTOR	1/10W 0Ω J	RP11	DA-E160310101	NET RESISTOR	33.0Ω J X4
R300	DA-E134600009	RESISTOR	1/10W 0Ω J	RP12	DA-E160310101	NET RESISTOR	33.0Ω J X4
R301	DA-E134600009	REGISTOR	1/10W 0Ω J	RP13	DA-E160310101	NET RESISTOR	33.0Ω J X4
R303	DA-E134600009	REGISTOR	1/10W 0Ω J	RP14	DA-E160310101	NET RESISTOR	33.0Ω J X4
R304	DA-E134600009	REGISTOR	1/10W 0Ω J	RP19	DA-E160310166	NET RESISTOR	560.0Ω J X4
R306	DA-E134600009	RESISTOR	1/10W 0Ω J	RP20	DA-E160310166	NET RESISTOR	560.0Ω J X4
R318	DA-E134600009	RESISTOR	1/10W 0Ω J	RP27	DA-E160310101	NET RESISTOR	33.0Ω J X4
R319	DA-E134600009	RESISTOR	1/10W 0Ω J	RP29	DA-E160310101	NET RESISTOR	33.0Ω J X4
R331	DA-E134600009	RESISTOR	1/10W 0Ω J	RP30	DA-E160310138	NET RESISTOR	15.0Ω J X4
R332	DA-E134600009	RESISTOR	1/10W 0Ω J	RP31	DA-E160310138	NET RESISTOR	15.0Ω J X4
R340	DA-E134600009	RESISTOR	1/10W 0Ω J	RP32	DA-E160310138	NET RESISTOR	15.0Ω J X4
R341	DA-E134600009	RESISTOR	1/10W 0Ω J	RP33	DA-E160310138	NET RESISTOR	15.0Ω J X4
R349	DA-E130322006	RESISTOR	1W 22Ω J	RP34	DA-E160310138	NET RESISTOR	15.0Ω J X4
R350	DA-E134600009	RESISTOR	1/10W 0Ω J	RP35	DA-E160310138	NET RESISTOR	15.0Ω J X4
R351	DA-E134222009	RESISTOR	1/10W 220Ω F	RP36	DA-E160310138	NET RESISTOR	15.0Ω J X4
R352	DA-E130322006	RESISTOR	1W 22Ω J	RP37	DA-E160310138	NET RESISTOR	15.0Ω J X4
R353	DA-E134210009	RESISTOR	1/10W 100Ω F	RP38	DA-E160310126	NET RESISTOR	100.0Ω J X4
R360	DA-E134600009	RESISTOR	1/10W 0Ω J	RP39	DA-E160310126	NET RESISTOR	100.0Ω J X4
R361	DA-E134610209	RESISTOR	1/10W 1kΩ J	L001	DA-E062176000	COIL	47uH 0.25A
R362	DA-E134610309	RESISTOR	1/10W 10kΩ J	L002	DA-E062176000	COIL	47uH 0.25A
R363	DA-E134600009	RESISTOR	1/10W 0Ω J	L004	DA-E062132343	COIL	60Ω 6A
R365	DA-E134610309	RESISTOR	1/10W 10kΩ J	L005	DA-E062132343	COIL	60Ω 6A
R366	DA-E134610409	RESISTOR	1/10W 100kΩ J	L007	DA-E062133008	COIL	150Ω
R367	DA-E134651009	RESISTOR	1/10W 51Ω J	L008	DA-E062133008	COIL	150Ω
R368	DA-E134651009	RESISTOR	1/10W 51Ω J	L009	DA-E062133008	COIL	150Ω
R369	DA-E134615009	RESISTOR	1/10W 15Ω J	L010	DA-E062133008	COIL	150Ω
R370	DA-E134615009	RESISTOR	1/10W 15Ω J	L011	DA-E062133008	COIL	150Ω
R371	DA-E134615009	RESISTOR	1/10W 15Ω J	L012	DA-E062133008	COIL	150Ω
R372	DA-E134615009	RESISTOR	1/10W 15Ω J	L013	DA-E062133008	COIL	150Ω
R373	DA-E134600009	RESISTOR	1/10W 0Ω J	L014	DA-E062133008	COIL	150Ω
R374	DA-E134210009	RESISTOR	1/10W 100Ω F	L015	DA-E062133008	COIL	150Ω
R379	DA-E134600009	RESISTOR	1/10W 0Ω J	L016	DA-E062132343	COIL	60Ω 6A
R380	DA-E134600009	RESISTOR	1/10W 0Ω J	L018	DA-E062132317	COIL	30Ω
R382	DA-E134610209	RESISTOR	1/10W 1kΩ J	L019	DA-E062133008	COIL	150Ω
R383	DA-E134600009	RESISTOR	1/10W 0Ω J	L027	DA-E062133008	COIL	150Ω
R385	DA-E134210009	RESISTOR	1/10W 100Ω F	L032	DA-E062133008	COIL	150Ω
R391	DA-E134600009	RESISTOR	1/10W 0Ω J	L034	DA-E062133008	COIL	150Ω
R392	DA-E134600009	RESISTOR	1/10W 0Ω J				

△Ref No.	Part No.	Part Name	Description Local
L036	DA-E062133008	COIL	150Ω
L038	DA-E062133008	COIL	150Ω
L041	DA-E062132343	COIL	60Ω 6A
L042	DA-E062133008	COIL	150Ω
L044	DA-E062132317	COIL	30Ω
L045	DA-E062132343	COIL	60Ω 6A
L046	DA-E062133008	COIL	150Ω
L047	DA-E062133008	COIL	150Ω
L048	DA-E062132419	COIL	15uHK 5mA
L050	DA-E062133008	COIL	150Ω
L051	DA-E062132343	COIL	60Ω 6A
L052	DA-E062132343	COIL	60Ω 6A
L053	DA-E062132317	COIL	30Ω
L054	DA-E062132317	COIL	30Ω
L056	DA-E062133008	COIL	150Ω
L057	DA-E062133008	COIL	150Ω
L059	DA-E062132317	COIL	30Ω
L060	DA-E062133008	COIL	150Ω
L061	DA-E062132317	COIL	30Ω
L062	DA-E062133008	COIL	150Ω
L063	DA-E062132317	COIL	30Ω
L064	DA-E062133008	COIL	150Ω
L065	DA-E062133008	COIL	150Ω
L066	DA-E062133008	COIL	150Ω
L068	DA-E062133008	COIL	150Ω
L069	DA-E062133008	COIL	150Ω
L076	DA-E062133008	COIL	150Ω
L078	DA-E062133008	COIL	150Ω
L080	DA-E062133008	COIL	150Ω
L081	DA-E062133008	COIL	150Ω
L082	DA-E062133008	COIL	150Ω
L085	DA-E062133008	COIL	150Ω
L086	DA-E062133008	COIL	150Ω
L098	DA-E062133008	COIL	150Ω
L099	DA-E062133008	COIL	150Ω
L102	DA-E062133008	COIL	150Ω
L104	DA-E062133008	COIL	150Ω
L106	DA-E062132343	COIL	60Ω 6A
L109	DA-E062132343	COIL	60Ω 6A
L110	DA-E062132343	COIL	60Ω 6A
L111	DA-E062132317	COIL	30Ω
L112	DA-E062132317	COIL	30Ω
L113	DA-E062132317	COIL	30Ω
L601	DA-E062132317	COIL	30Ω
L602	DA-E062132317	COIL	30Ω
L603	DA-E062132317	COIL	30Ω
L604	DA-E062132317	COIL	30Ω
L605	DA-E062132317	COIL	30Ω
L606	DA-E062132317	COIL	30Ω
L607	DA-E062132317	COIL	30Ω
L609	DA-E062132343	COIL	60Ω 6A
L610	DA-E062132317	COIL	30Ω
L612	DA-E062132317	COIL	30Ω
L614	DA-E062132317	COIL	30Ω
L615	DA-E062132343	COIL	60Ω 6A
L617	DA-E062132317	COIL	30Ω
L619	DA-E062132317	COIL	30Ω
L720	DA-E062132317	COIL	30Ω
L721	DA-E062133008	COIL	150Ω
L722	DA-E062133008	COIL	150Ω
P001	DA-E782511024	CONNECTOR	A2001WV2-10P
P002	DA-E782513008	CONNECTOR	A1255WR0-30PSBS
P003	DA-E782510019	CONNECTOR	A1255WR0-30PSBS
P004	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P005	DA-E782513000	CONNECTOR	A2006WV0-2x10P
P006	DA-E782511023	CONNECTOR	A2001WV2-6P
P008	DA-E782511017	CONNECTOR	A2001WV2-5P
P009	DA-E782511012	CONNECTOR	A2001WV2-5P
P601	DA-E782404042	CONNECTOR	1X2STACK
P602	DA-E782404022	CONNECTOR	1X2STACK,4P,RA,DIP
P603	DA-E782404043	CONNECTOR	2X2STACK
P604	DA-E782404044	CONNECTOR	2X2STACK
PJ01	DA-E782401000	CONNECTOR	3ROW,R/A,Blue,ATT
PJ02	DA-E782405001	CONNECTOR	3.5mm,R/A,DIP,GREEN
U601	DA-E052110026	TUNER	FQ1216LME/I H-5
X001	DA-F699122903	CRYSTAL	10MHz
X002	DA-F699153630	CRYSTAL	18.432MHz
X003	DA-F699106034	CRYSTAL	14.318MHz

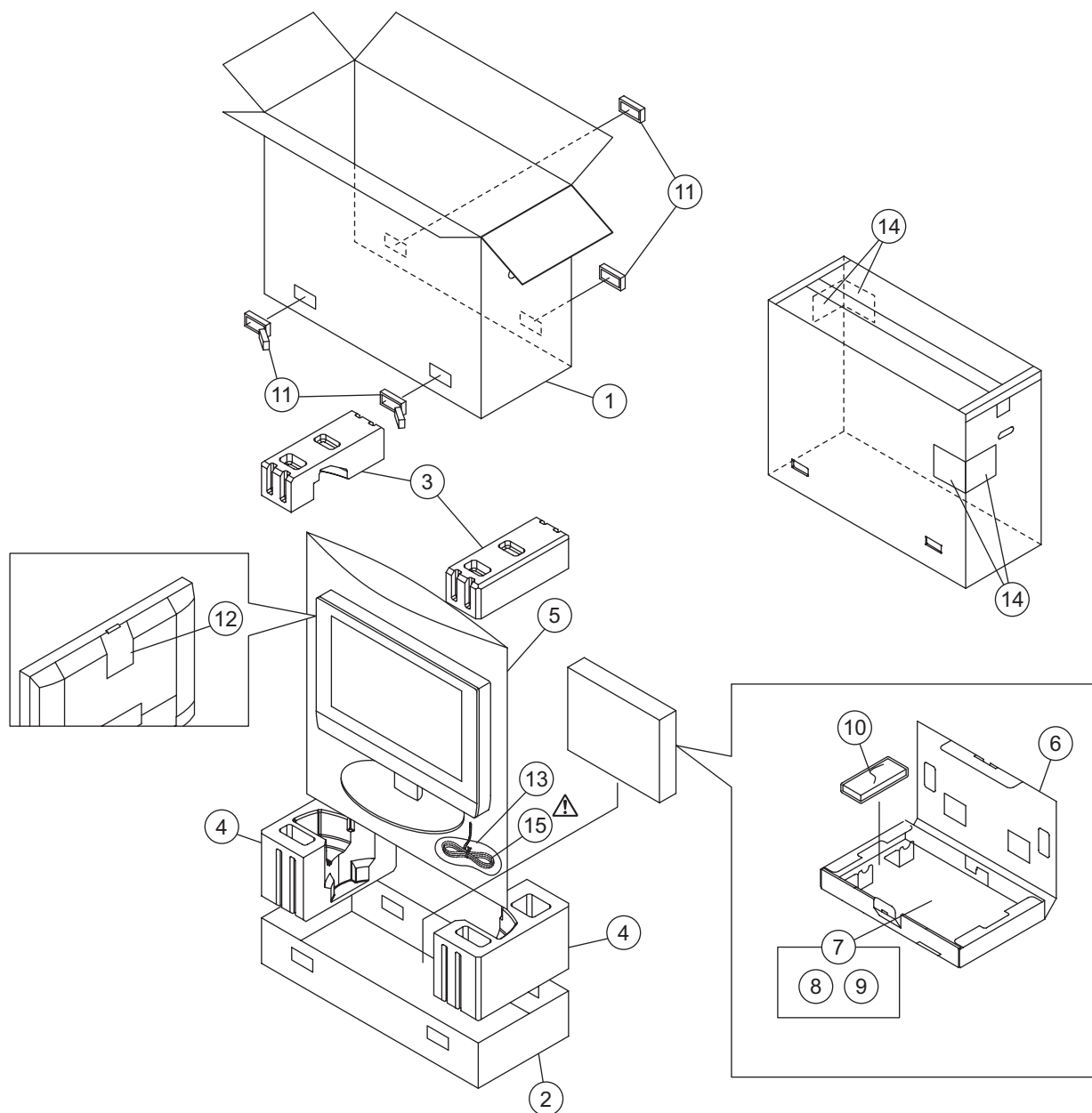
KEY P.W. BOARD ASS'Y (DA-5097663301) (PWB-0994-C)

△Ref No.	Part No.	Part Name	Description Local
C909	DA-E240622191	CAPACITOR	50V 220pF J
C910	DA-E240647091	CAPACITOR	50V 47pF J
C911	DA-E240647091	CAPACITOR	50V 47pF J
C912	DA-E240622191	CAPACITOR	50V 220pF J
R905	DA-E130327106	RESISTOR	1W 270Ω
R906	DA-E130327106	RESISTOR	1W 270Ω
L908	DA-E062132306	CORE FERRITE	MLB-451616-0080
L909	DA-E062132306	CORE FERRITE	MLB-451616-0080
L910	DA-E062132306	CORE FERRITE	MLB-451616-0080
L911	DA-E062132306	CORE FERRITE	MLB-451616-0080
P611	DA-E782511023	CONNECTOR	P=2
P903	DA-E782405004	CONNECTOR	7P
P904	DA-E782511017	CONNECTOR	6P
P905	DA-E782511016	CONNECTOR	4P
S601	DA-E054513025	SWITCH	CH-
S602	DA-E054513025	SWITCH	CH+
S603	DA-E054513025	SWITCH	VOL-
S604	DA-E054513025	SWITCH	VOL+
S605	DA-E054513025	SWITCH	MENU
S606	DA-E054513025	SWITCH	SOURCE
S607	DA-E054513025	SWITCH	POWER

IR P.W. BOARD ASS'Y (DA-5097661701) (PWB-0984-C)

△Ref No.	Part No.	Part Name	Description Local
IR01	DA-F642003904	IC	PHOTO MODULE
D001	DA-F618018175	LED	
C026	DA-E230021691	CAPACITOR	16V 4.7uF Z
R075	DA-E134210009	RESISTOR	1/10W 100Ω F
P005	DA-E782510017	CONNECTOR	P=2
P006	DA-E782510023	CONNECTOR	7P
P007	DA-E782510012	CONNECTOR	4P
P008	DA-E782510016	CONNECTOR	P=2

PACKING



PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	1	DA-I513720156	PACKING CASE(TOP)		
	2	DA-I513724256	PACKING CASE(BOTTOM)		
	3	DA-I523720156	TOP CUSHION	2pcs in 1set	
	4	DA-I523720256	BOTTOM CUSHION	2pcs in 1set	
	5	DA-I532359256	POLY BAG	For SET	
	6	DA-I513724356	ACCESSORY BOX		
	7	DA-I533389756	POLY BAG	For ACCESSORIES	
	8	DA-E030057212	INST BOOK		
	9	-----	BATTERY	AA/R6(x2)	
	10	DA-E052731125	REMOCON		
	11	DA-I534100356	GRIP JOINT	(x4)	
	12	DA-E030057213	CAUTION SHEET		
	13	DA-I554100400	POLY BAG	For POWER CORD	
	14	DA-E030409339	CARTON LABEL	(x4)	
△	15	DA-E056705027	POWER CORD		

JVC

SCHEMATIC DIAGRAMS

LCD FLAT TELEVISION

**LT-32SH6/A,
LT-37SH6/A**

CD-ROM No.SML200607

DVB[®]
Digital Video
Broadcasting



[LT-37SH6/A]

LT-32SH6/A, LT-37SH6/A

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the \triangle symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflamable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

●Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply



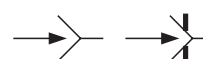
-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

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 IR PWB PATTERN 2-37



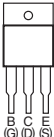
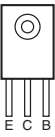
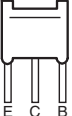
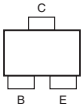
 KEY PWB PATTERN 2-37

USING P.W. BOARD


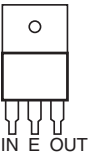
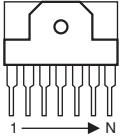
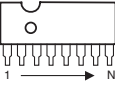
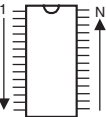
PWB ASS'Y name	LT-32SH6/A	LT-37SH6/A
MAIN P.W. BOARD	DA-5097661600(PWB-0983-C)	DA-5097661601(PWB-0983-C)
IR P.W. BOARD	DA-5097661700(PWB-0984-C)	DA-5097661701(PWB-0984-C)
KEY P.W. BOARD	DA-5097663300(PWB-0994-C)	DA-5097663301(PWB-0994-C)

SEMICONDUCTOR SHAPES

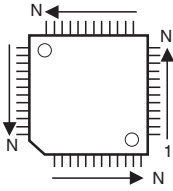
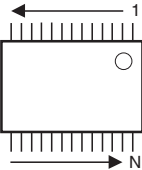
TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

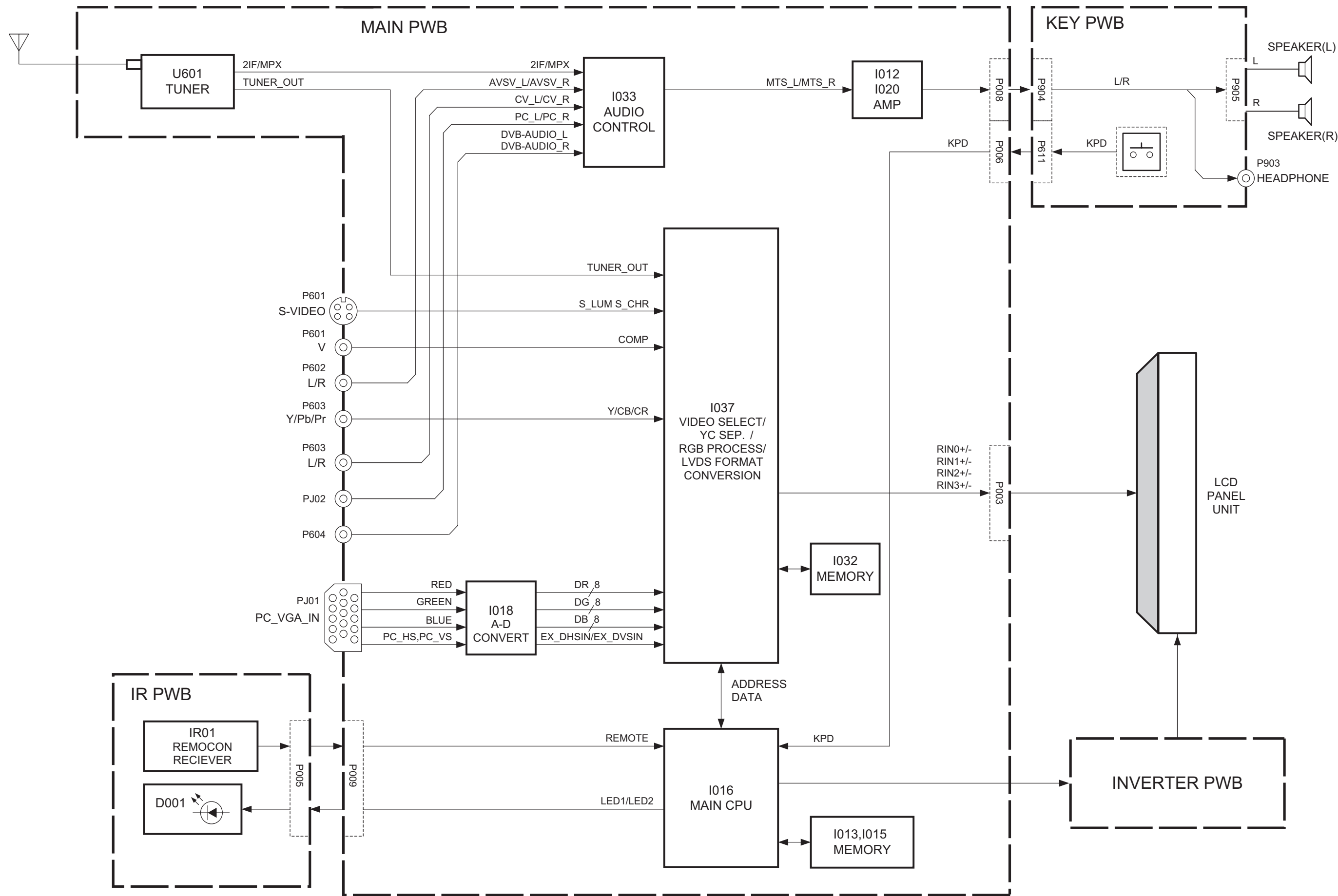
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

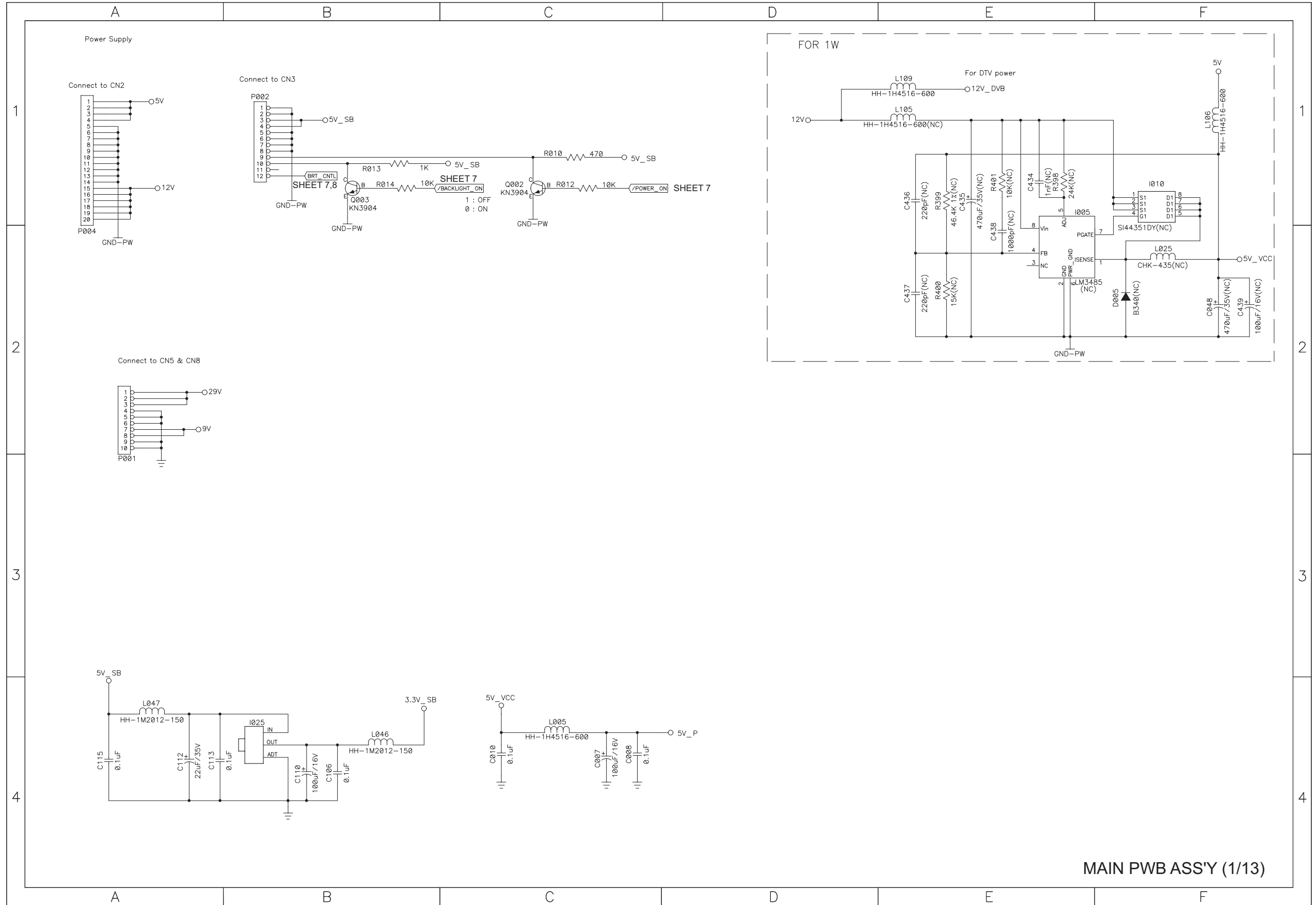
TOP VIEW		
		

BLOCK DIAGRAM

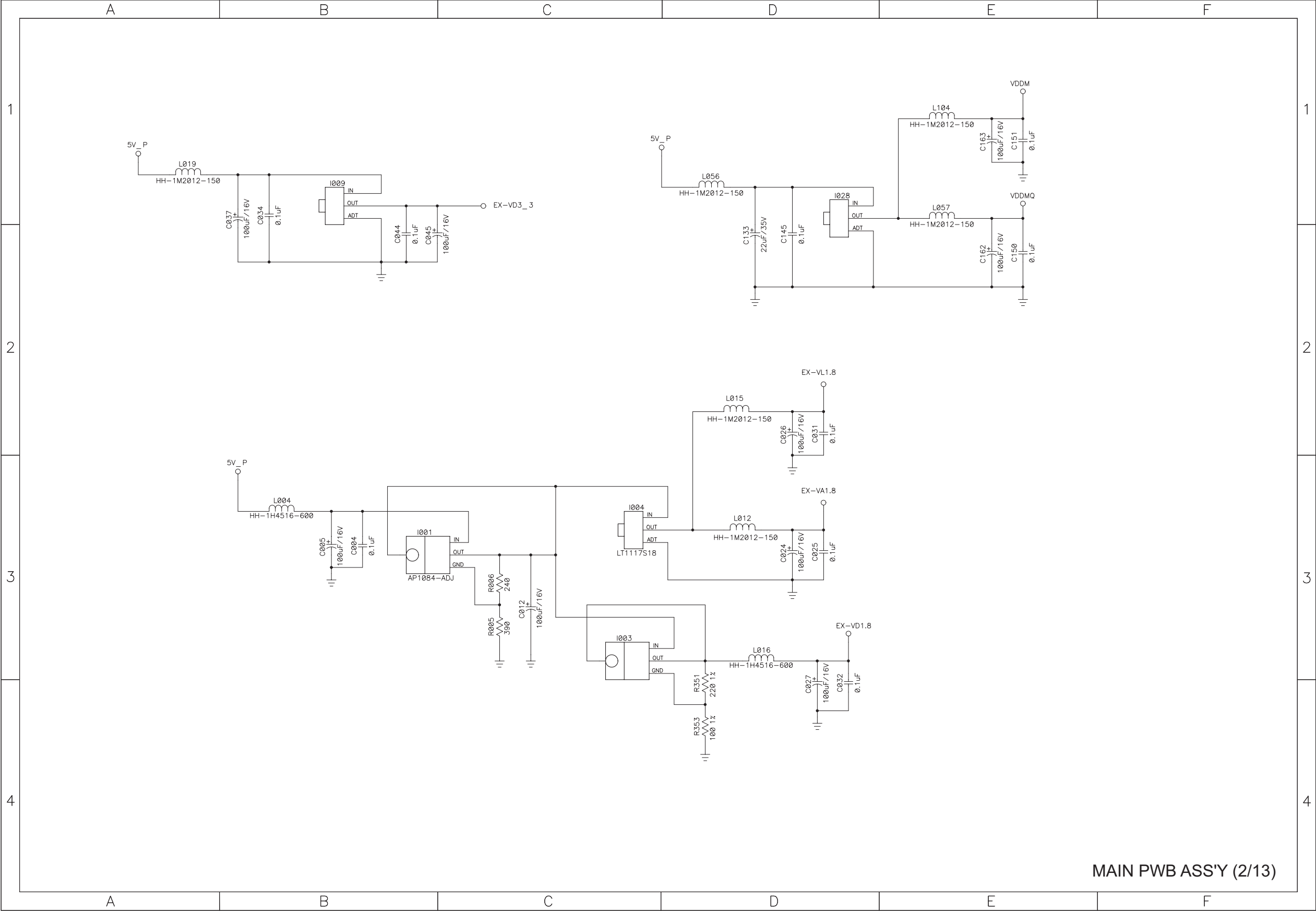


CIRCUIT DIAGRAMS

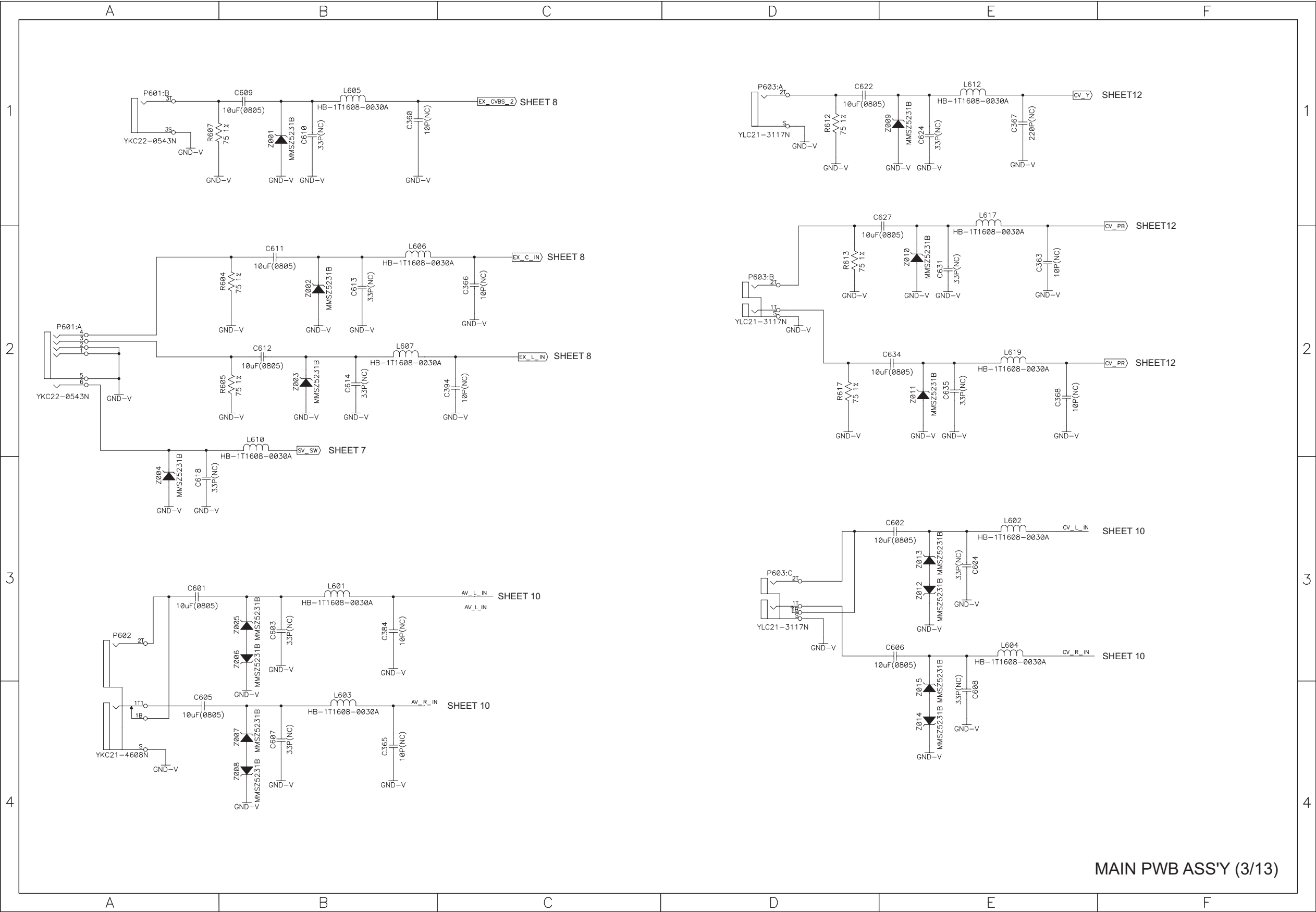
MAIN PWB CIRCUIT DIAGRAM (1/13) SHEET1



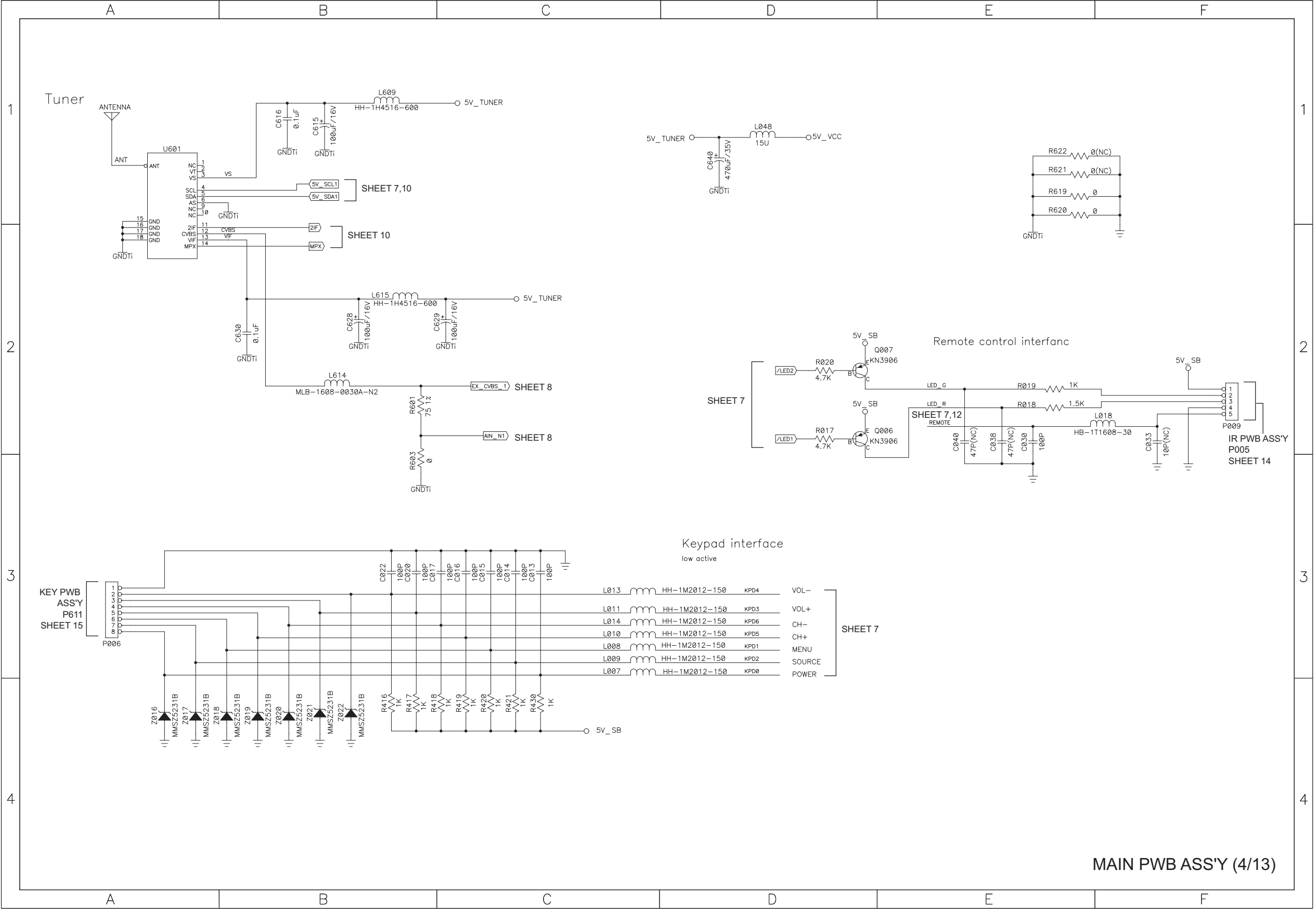
PWB_0983_02



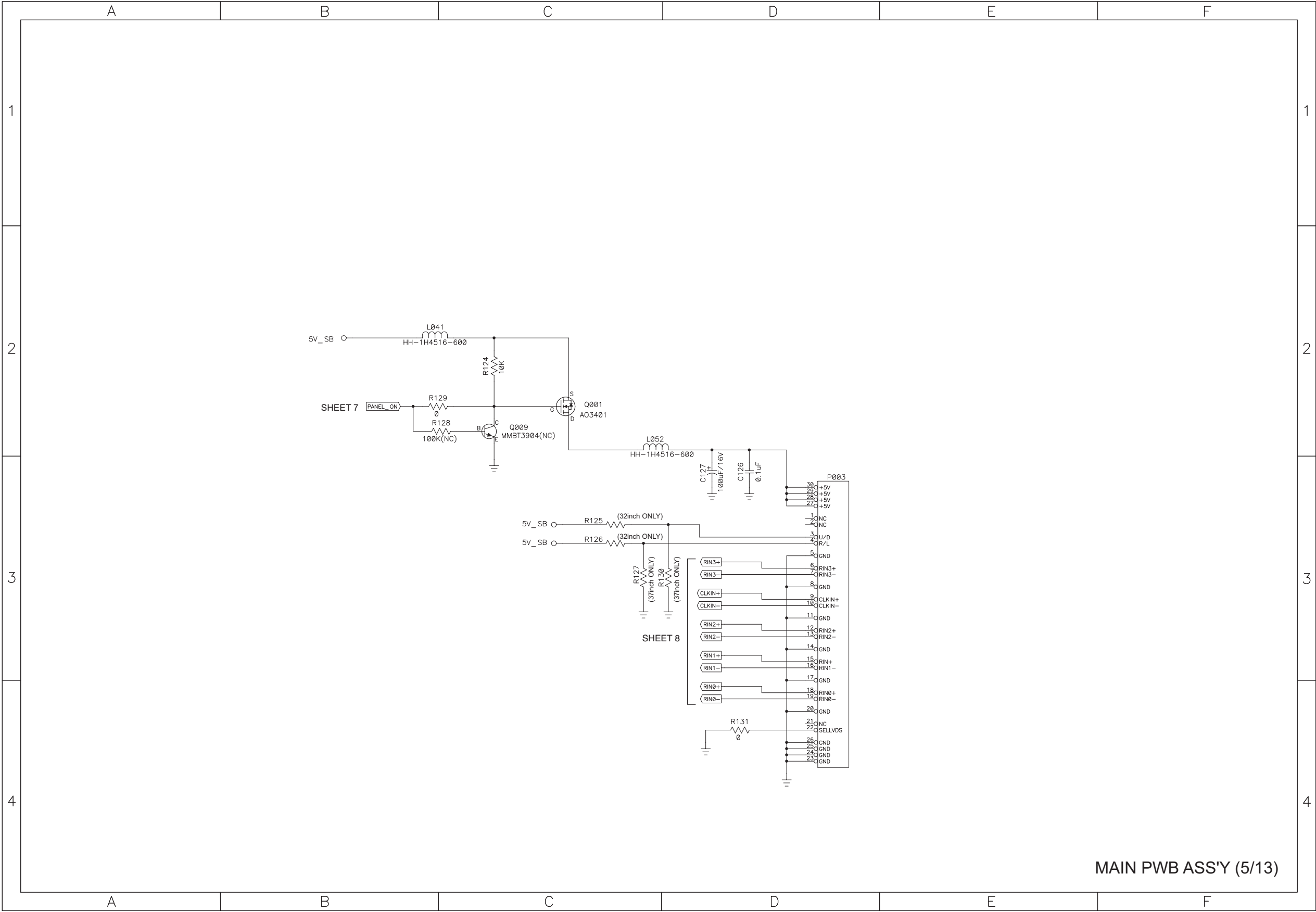
MAIN PWB ASS'Y (2/13)



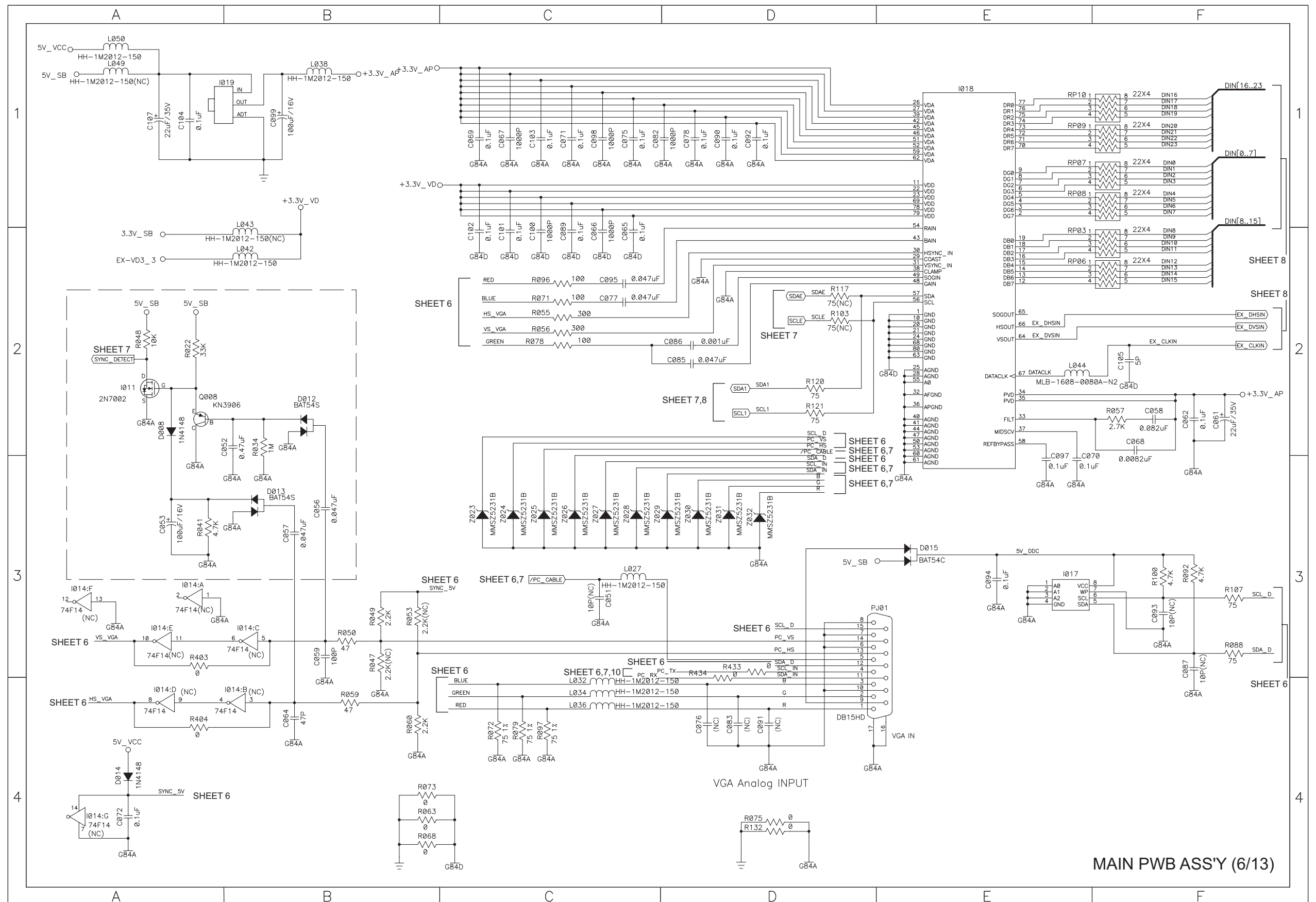
MAIN PWB ASS'Y (3/13)

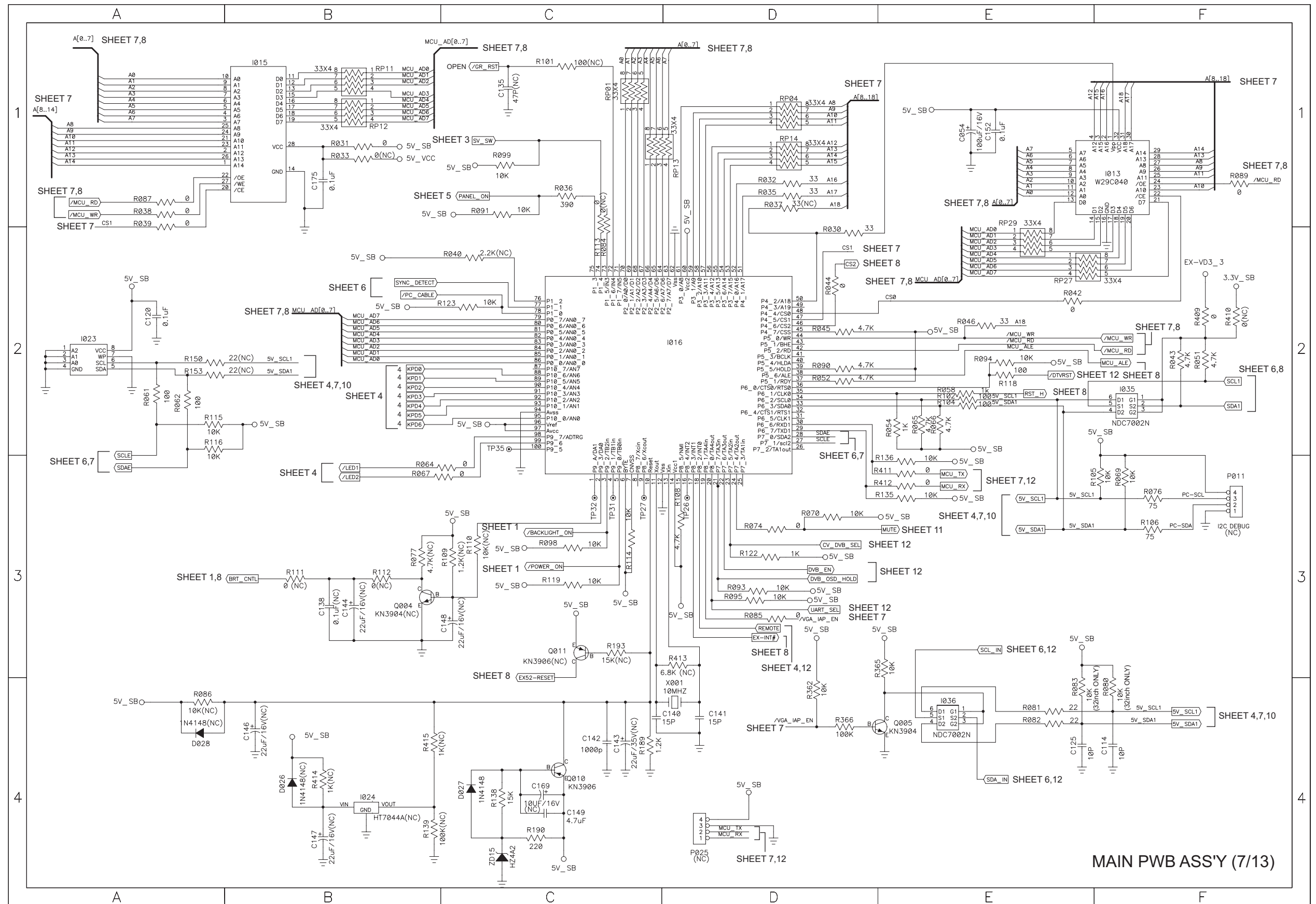


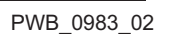
MAIN PWB ASS'Y (4/13)

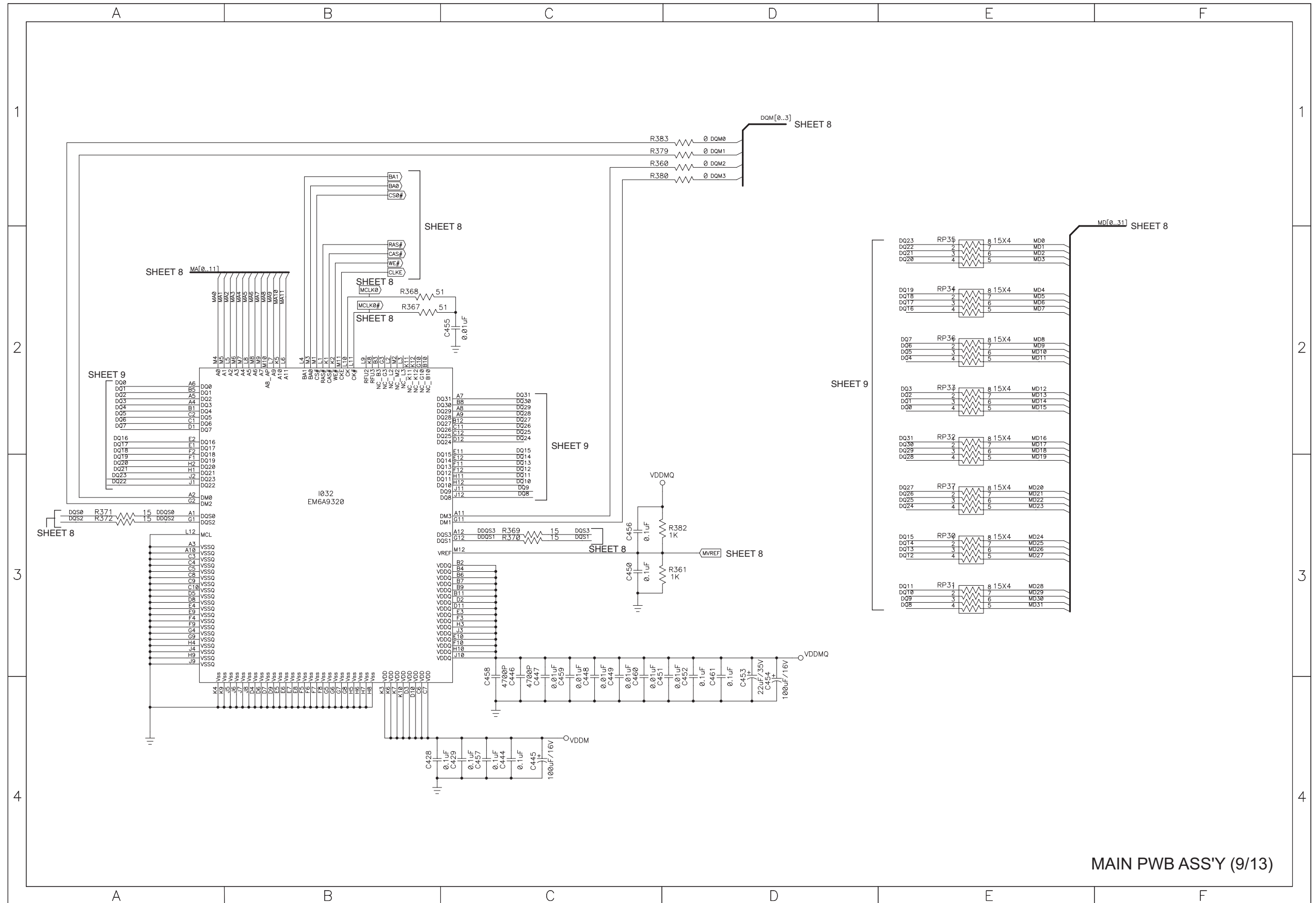


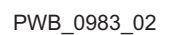
MAIN PWB ASS'Y (5/13)

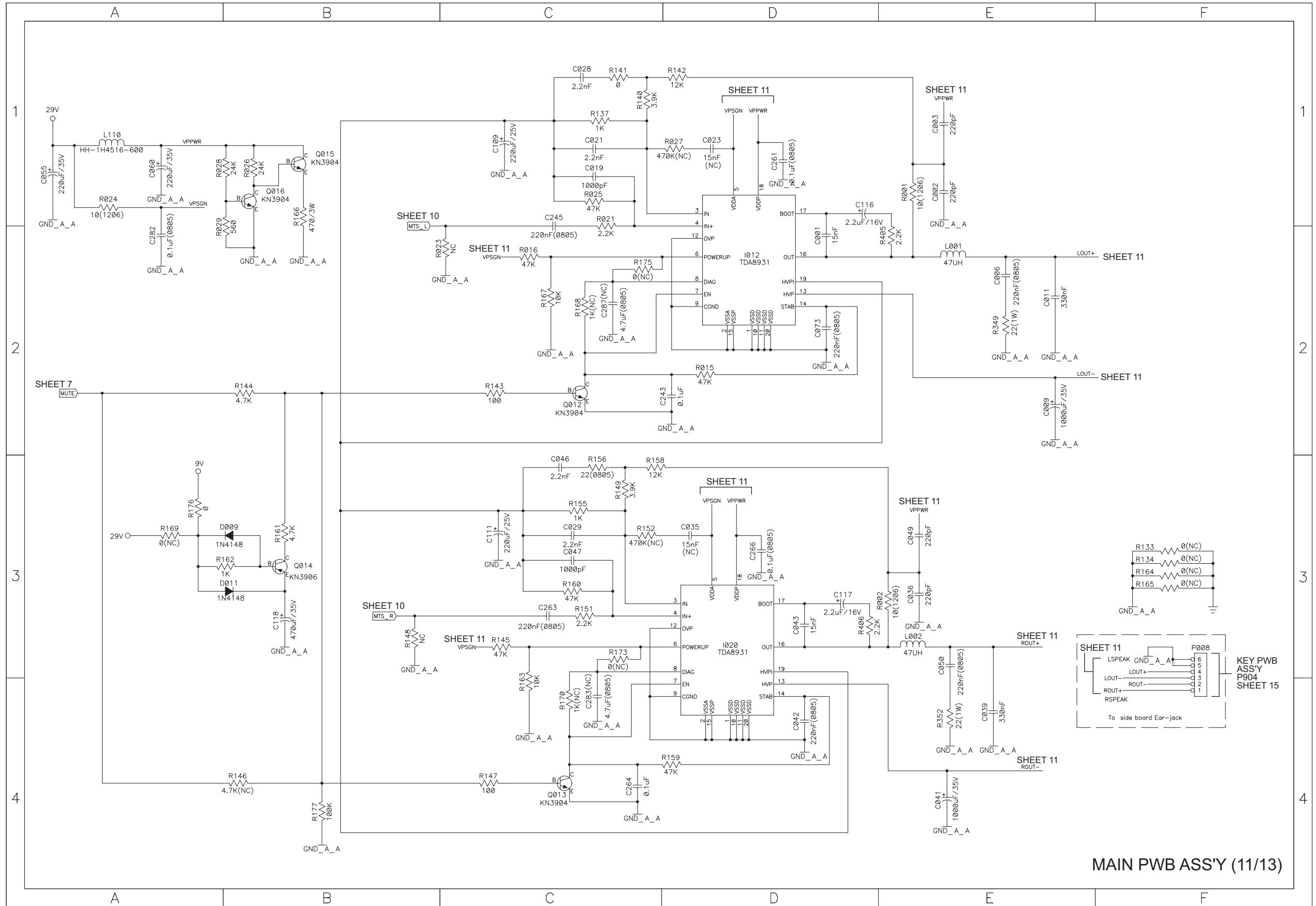


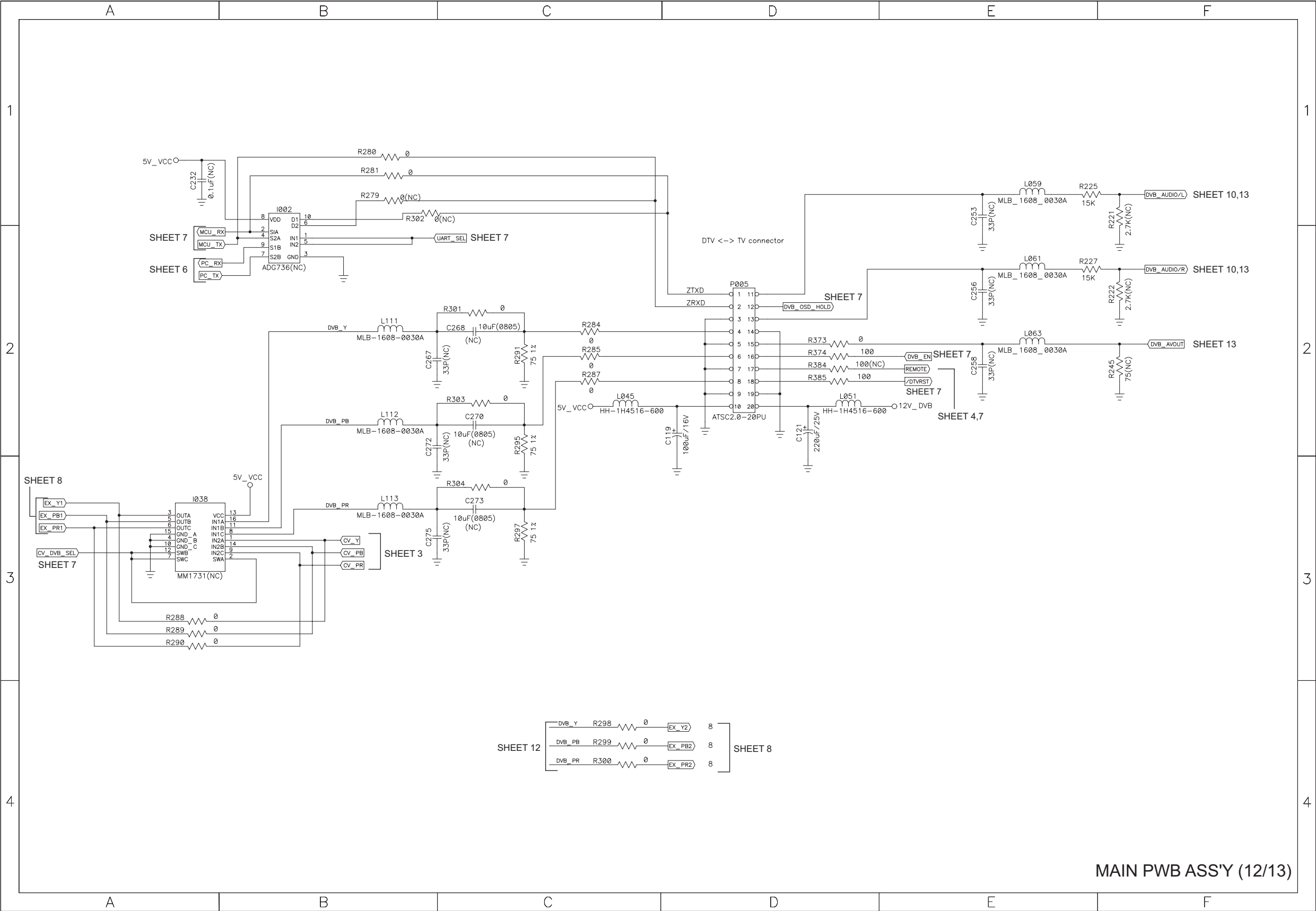


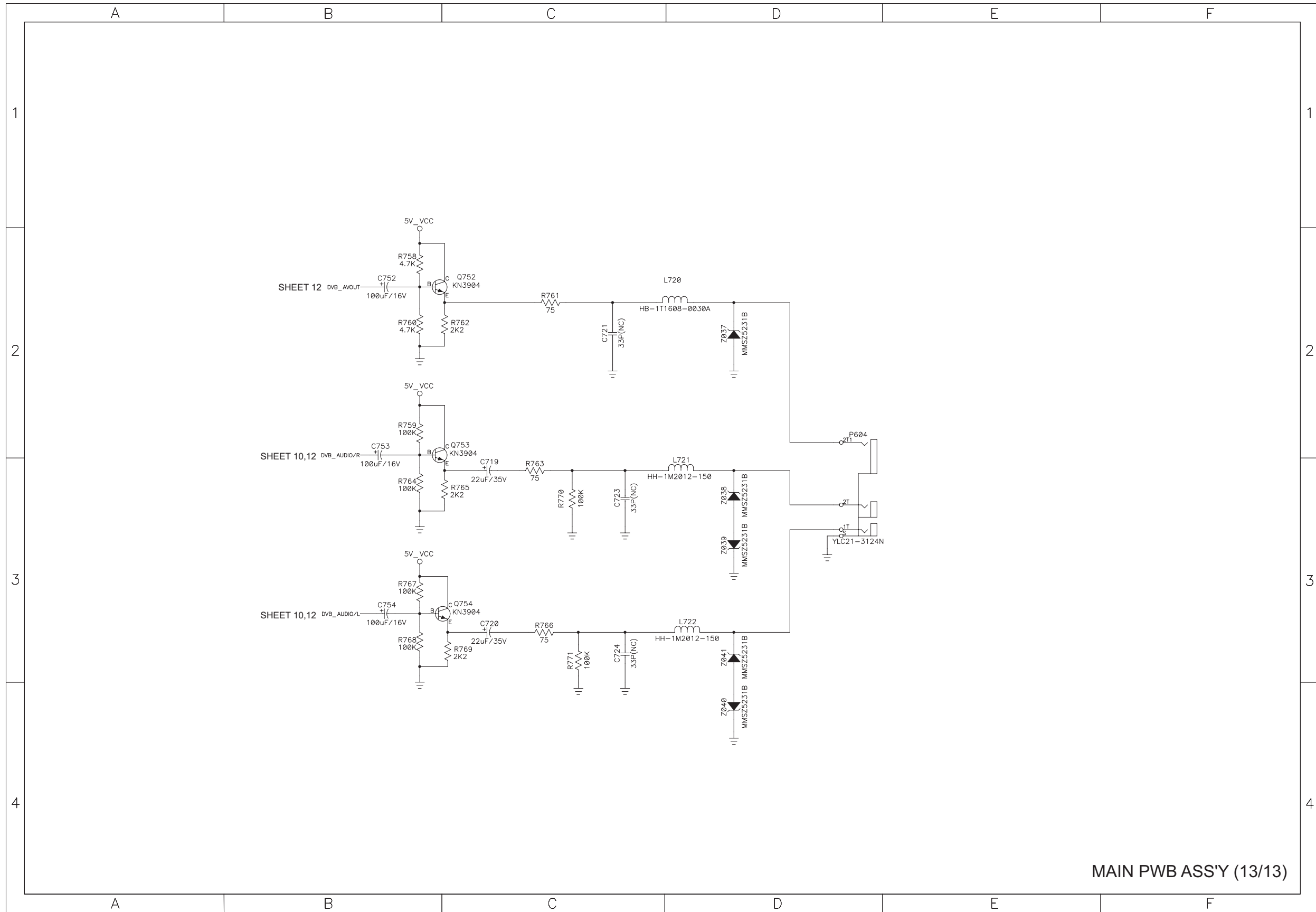


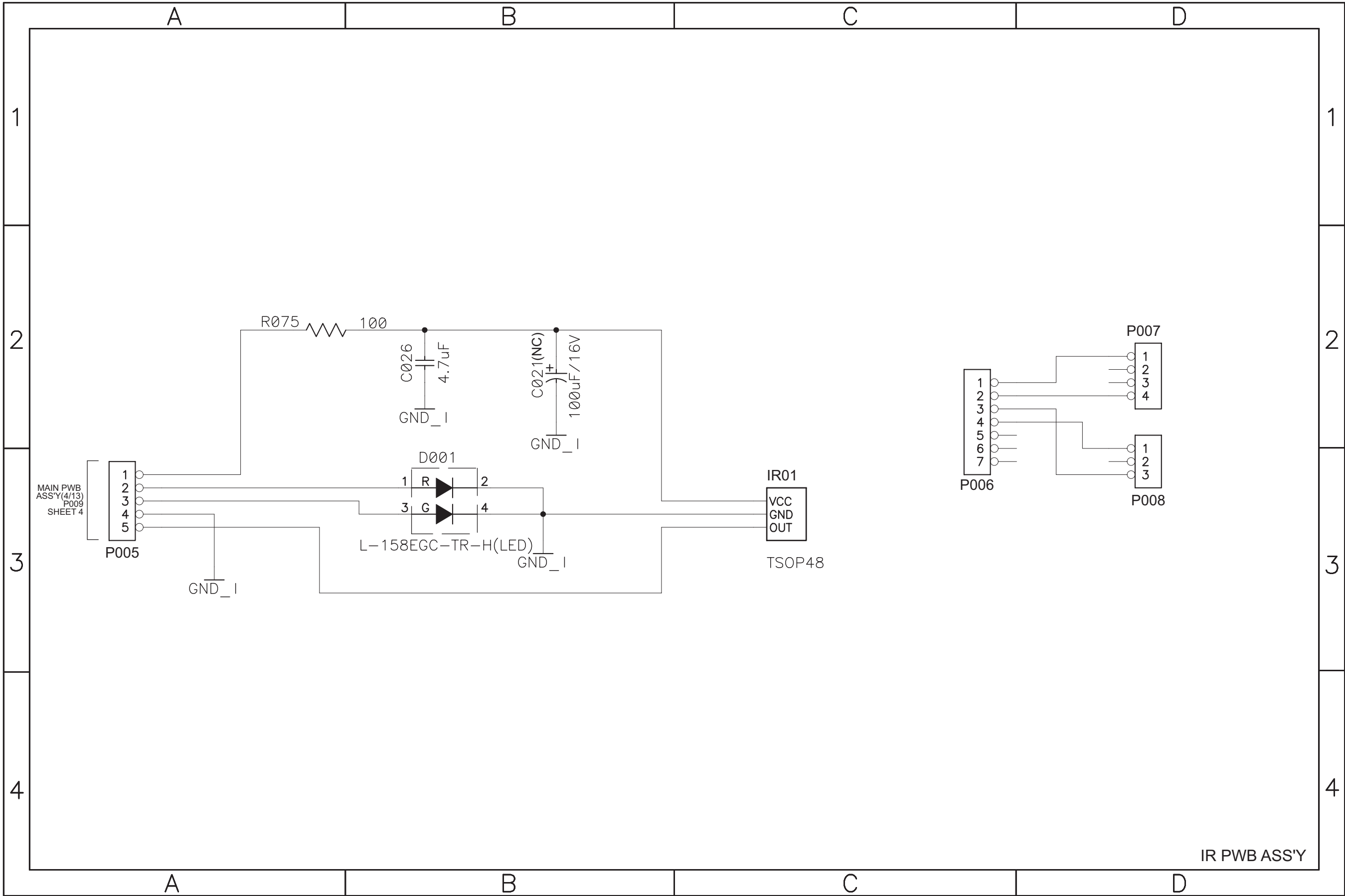


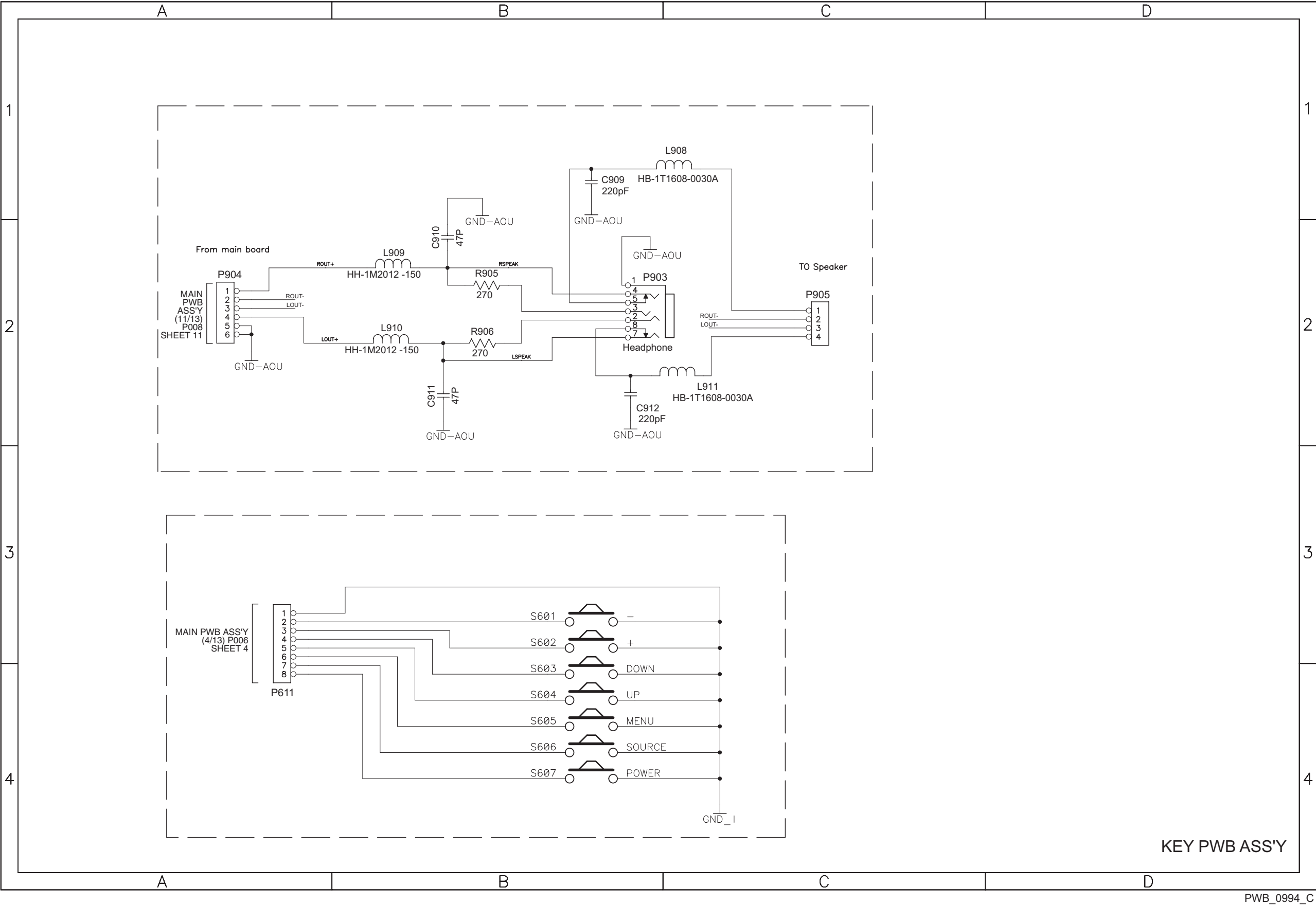








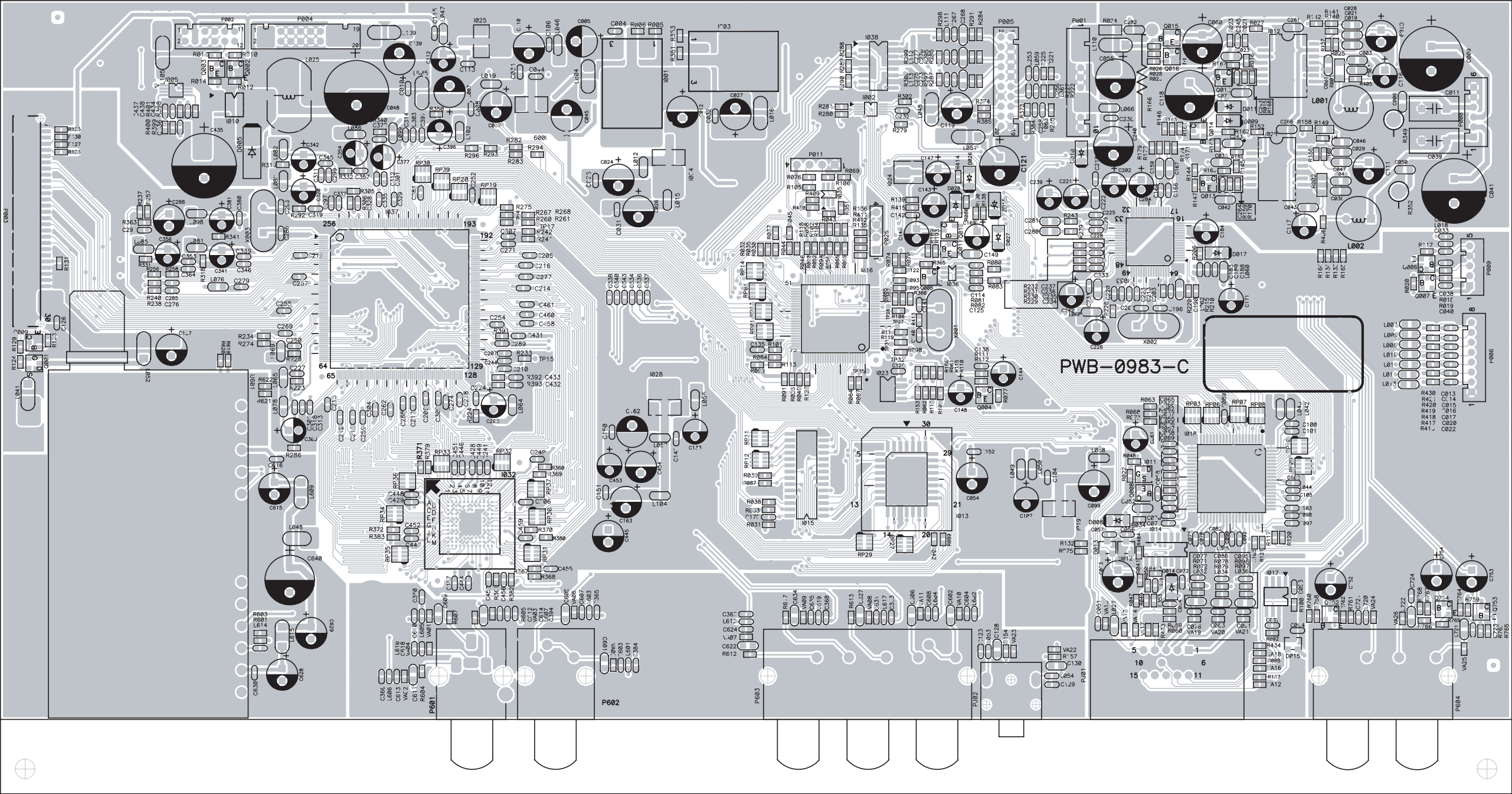


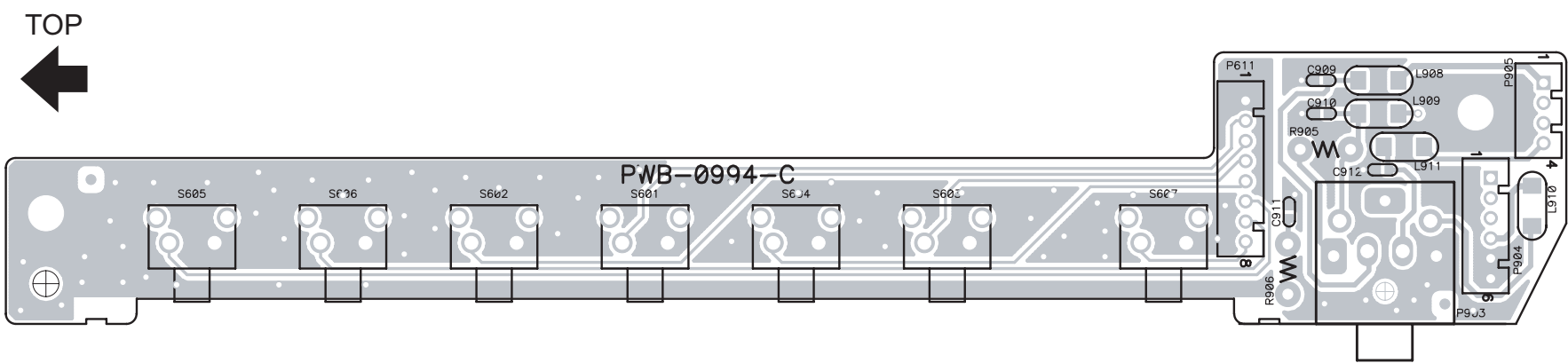
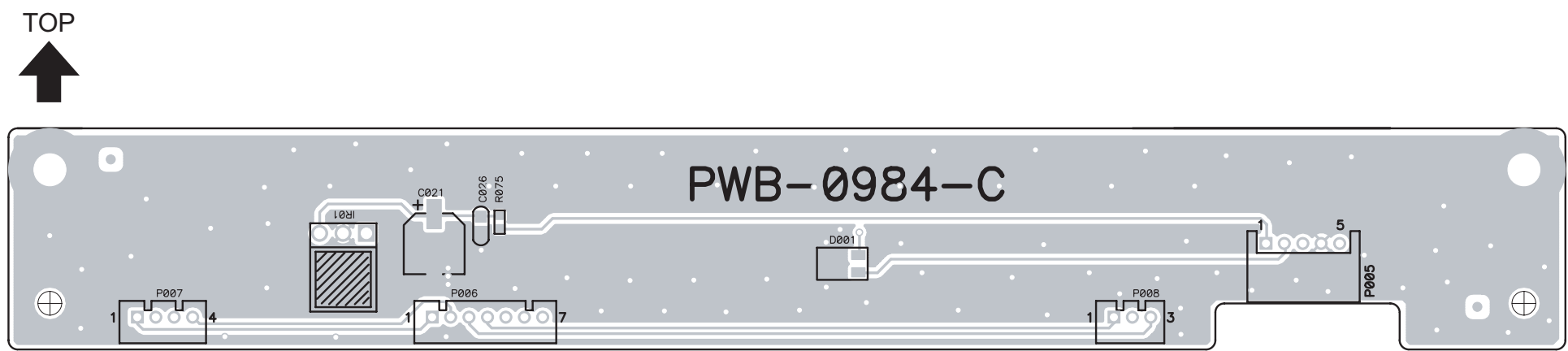


KEY PWB ASS'Y

PATTERN DIAGRAMS
MAIN PWB PATTERN

TOP







Victor Company of Japan, Limited
Display Category 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama-city, kanagawa-prefecture, 221-8528, Japan

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